Supplemental Table 1: The chemical compounds with reported subcellular localization site in the endo-lysosomes. References information is available in Supplemental Table 10. Structure is presented as the Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.

Name:	Ammonia
Method:	Pharmacological Effect
References:	1
Structure:	[NH4+]
Name:	Methylamine
Method:	Pharmacological Effect
References:	1
Structure:	C[NH3+]
Name:	Dimethylamine
Method:	Pharmacological Effect
References:	1
Structure:	C[NH2+]C
Name:	Ethylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC[NH3+]
Name:	Isopropylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC(C)[NH3+]
Name:	Propylamine
Method:	Pharmacological Effect
References:	1
Structure:	CCC[NH3+]
Name:	Trimethylamine
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)C
Name:	Ethylenediamine
Method:	Pharmacological Effect
References:	1
Structure:	NCC[NH3+]
Name:	Ethanolamine; 2-aminoethanol
Method:	Pharmacological Effect
References:	1
Structure:	[NH3+]CCO
Name:	Imidazole
Method:	Pharmacological Effect
References:	1, 229
Structure:	c1c[nH]cn1
Name:	Butylamine
Method:	Pharmacological Effect
References:	1
Structure:	CCCC[NH3+]

Name:	Diethylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC[NH2+]CC
Name:	Isobutylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC(C)C[NH3+]
Name:	S-butylamine
Method:	Pharmacological Effect
References:	1
Structure:	CCC(C)[NH3+]
Name:	T-butylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC(C)(C)[NH3+]
Name:	1,2-Diaminopropane
Method:	Pharmacological Effect
References:	1
Structure:	CC([NH3+])CN
Name:	2-Methylaminoethanol
Method:	Pharmacological Effect
References:	1
Structure:	C[NH2+]CCO
Name:	Isopropanolamine
Method:	Pharmacological Effect
References:	1
Structure:	CC(O)C[NH3+]
Name:	Pentylamine
Method:	Pharmacological Effect
References:	1
Structure:	CCCCC[NH3+]
Name:	N,N-Dimethylethylenediamine
Method:	Pharmacological Effect
References:	1
Structure:	CNCC[NH2+]C
Name:	2-amino-1-butanol
Method:	Pharmacological Effect
References:	1
Structure:	CCC([NH3+])CO
Name:	2-amino-2-methyl-1-propanol
Method:	Pharmacological Effect
References:	1
Structure:	CC(C)([NH3+])CO

Name:	2-Dimethylaminoethanol
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)CCO
Name:	4-amino-1-butanol
Method:	Pharmacological Effect
References:	1
Structure:	[NH3+]CCCCO
Name:	Hexylamine
Method:	Pharmacological Effect
References:	1
Structure:	CCCCCC[NH3+]
Name:	Triethylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC[NH+](CC)CC
Name:	3-Dimethylamino-1-propylamine
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)CCC[NH3+]
Name:	3-Dimethylamino-1-propanol
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)CCCO
Name:	2-Amino-2-methyl-1,3-propanediol
Method:	Pharmacological Effect
References:	1
Structure:	CC([NH3+])(CO)CO
Name:	beta-Dimethylaminoethylchloride
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)CCCl
Name:	N,N-Diethylaminoethylamine
Method:	Pharmacological Effect
References:	1
Structure:	CC[NH+](CC)CCN
Name:	2-(diethylamino)ethanol
Method:	Pharmacological Effect
References:	1
Structure:	CC[NH+](CC)CCO
Name:	2-Dimethylamino-2-methyl-1-propanol
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)C(C)(C)CO
Name:	N,N-Dimethyl-3-chloropropylamine
Method:	Pharmacological Effect
References:	1
Structure:	C[NH+](C)CCCCl

Name:	Dibutylamine
Method:	Pharmacological Effect
References:	1
Structure:	CCCC[NH2+]CCCC
Name:	Triethanolamine
Method:	Pharmacological Effect
References:	1
Structure:	OCC[NH+](CCO)CCO
Name:	Phentermine
Method:	Pharmacological Effect
References:	6, 512
Structure:	CC(C)([NH3+])Cc1ccccc1
Name:	Chlorphentermine
Method:	Pharmacological Effect
References:	6, 512
Structure:	CC(C)([NH3+])Cc1ccc(Cl)cc1
Name:	Fenfluramine
Method:	Pharmacological Effect
References:	6, 516
Structure:	CCC(C)([NH3+])Cc1ccc(cc1)C(F)(F)F
Name:	Alprenolol
Method:	Uptake/Binding
References:	3
Structure:	CC(C)[NH2+]CC(O)COc1ccccc1CC=C
Name:	Propranolol
Method:	Uptake/Binding
References:	3, 4, 6
Structure:	CC(C)[NH2+]CC(O)COc1cccc2ccccc12
Name:	Nortriptyline
Method:	Pharmacological Effect
References:	6, 522
Structure:	C[NH2+]CCC=C1c2ccccc2CCc2ccccc12
Name:	Mianserin
Method:	Pharmacological Effect
References:	6, 510
Structure:	C[NH+]1CCN2C(C1)c1ccccc1Cc1ccccc21
Name:	Amitriptyline
Method:	Pharmacological Effect
References:	6, 512
Structure:	C[NH+](C)CCC=C1c2ccccc2CCc2ccccc12
Name:	Maprotiline
Method:	Pharmacological Effect
References:	6, 523
Structure:	C[NH2+]CCCC12CCC(c3ccccc13)c1ccccc21
Name:	Perhexiline
Method:	Pharmacological Effect
References:	2, 6, 510

Structure:	C1CCC(CC1)C(CC1CCCC[NH2+]1)C1CCCCC1
Name:	Promazine
Method:	Uptake/Binding
References:	6, 175
Structure:	C[NH+](C)CCCN1c2ccccc2Sc2ccccc12
Name:	Iprindole
Method:	Pharmacological Effect
References:	6, 512
Structure:	C[NH+](C)CCCn1c2CCCCCCc2c2ccccc12
Name:	Cyanopindolol
Method:	Uptake/Binding
References:	3
Structure:	CC(C)(C)[NH2+]CC(O)COc1cccc2[nH]c(cc12)C#N
Name:	N3246; Neutral red
Method:	Fluorescence Microscopy
References:	583
Structure:	CN(C)c1ccc2nc3cc(C)c(N)cc3nc2c1
Name:	Noxiptiline
Method:	Pharmacological Effect
References:	6, 512
Structure:	C[NH+](C)CCON=C1c2ccccc2CCc2ccccc12
Name:	Chlorcyclizine
Method:	Pharmacological Effect
References:	2, 6, 718
Structure:	C[NH+]1CCN(CC1)C(c1ccccc1)c1ccc(Cl)cc1
Name:	Biperiden
Method:	Uptake/Binding
References:	5
Structure:	OC(CC[NH+]1CCCCC1)(C1CC2CC1C=C2)c1ccccc1
Name:	Clomipramine
Method:	Fluorescence Microscopy
References:	6, 522
Structure:	C[NH+](C)CCCN1c2ccccc2CCc2ccc(Cl)cc12
Name:	Chloroquine
Method:	Pharmacological Effect
References:	673
Structure:	CC[NH+](CC)CCCC(C)Nc1cc[nH+]c2cc(Cl)ccc12
Name:	D113; 5-dimethylaminonaphthalene-1-(N-(5-aminopentyl))sulfonamide (dansyl cadaverine)
Method:	Fluorescence Microscopy
References:	51
Structure:	CN(C)c1cccc2c(cccc12)S(=O)(=O)NCCCCC[NH3+]
Name:	Hydroxychloroquine
Method:	Fluorescence Microscopy
References:	45
Structure:	CC[NH+](CCO)CCCC(C)Nc1cc[nH+]c2cc(Cl)ccc12
Name:	L7534; LysoTracker® Green DND-153
Method:	Fluorescence Microscopy
References:	663
Structure:	C[NH+](C)CCNc1ccc2-c3nc4ccccc4n3C(=O)c3cccc1c23
Name:	Indomethacin
Method:	Fluorescence Microscopy
References:	127
Structure:	COc1ccc2n(C(=O)c3ccc(Cl)cc3)c(C)c(CC([O-])=O)c2c1
Name:	11
Method:	Uptake/Binding
References:	7
Structure:	CC(C)C(C(=O)[N-]C#N)c1cccc(c1)-c1ccc(cc1)N1CC[NH2+]CC1
Name:	L7545; LysoTracker® Yellow/Blue DND-160
Method:	Fluorescence Microscopy
References:	654
Structure:	C[NH+](C)CCNC(=O)COc1ccc(cc1)-c1cnc(o1)-c1ccncc1
Name:	Thioridazine
Method:	Uptake/Binding
References:	6, 175, 510
Structure:	CSc1ccc2Sc3ccccc3N(CCC3CCCC[NH+]3C)c2c1
Name:	Tamoxifen
Method:	Pharmacological Effect
References:	2, 6, 510
Structure:	CC\C(c1ccccc1)=C(/c1ccccc1)c1ccc(OCC[NH+](C)C)cc1
Name:	L7533; LysoTracker® Blue DND-167
Method:	Fluorescence Microscopy
References:	655
Structure:	C1C[NH+](CCO1)Cc1c2ccccc2c(C[NH+]2CCOCC2)c2ccccc12
Name:	Mefloquine
Method:	Fluorescence Microscopy
References:	529, 530
Structure:	OC(C1CCCC[NH2+]1)c1cc(nc2c(cccc12)C(F)(F)F)C(F)(F)F
Name:	D1552; N-(3-((2,4-dinitrophenyl)amino)propyl)-N-(3-aminopropyl)methylamine, dihydrochloride DAMP
Method:	histo
References:	598
Structure:	C[NH+](CCC[NH3+])CCCNc1ccc(cc1N(=O)=O)N(=O)=O

Name:	D10460; Dapoxyl® (2-aminoethyl)sulfonamide
Method:	Fluorescence Microscopy
References:	682
Structure:	CN(C)c1ccc(cc1)-c1cnc(o1)-c1ccc(cc1)S(=O)(=O)NCC[NH3+]
Name:	L7535; LysoTracker® Green DND-189
Method:	Fluorescence Microscopy
References:	352
Structure:	O=C1c2cccc3c(NCCN4CCOCC4)ccc(-c4nc5ccccc5n14)c23
Name:	L7526; LysoTracker® Green DND-26
Method:	Fluorescence Microscopy
References:	500, 584
Structure:	C[NH+](C)CCNC(=O)CCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	L7528; LysoTracker® Red DND-99
Method:	Fluorescence Microscopy
References:	584
Structure:	C[NH+](C)CCNC(=O)CCC1=[N+]2C(C=C1)=Cc1ccc(-c3ccc[nH]3)n1[B-]2(F)F
Name:	Mepacrine; Quinacrine
Method:	Fluorescence Microscopy
References:	6, 127, 510
Structure:	CC[NH+](CC)CCCC(C)Nc1c2ccc(Cl)cc2[nH+]c2ccc(OC)cc12
Name:	Trifluoperazine
Method:	Uptake/Binding
References:	5
Structure:	CN1CC[NH+](CCCN2c3ccccc3Sc3ccc(cc23)C(F)(F)F)CC1
Name:	Disobutamide
Method:	Cell Fractionation
References:	6, 513
Structure:	CC(C)[NH+](CCC(CC[NH+]1CCCCC1)(C(N)=O)c1ccccc1Cl)C(C)C
Name:	Tilorone; [2,7-bis-[2-(diethylamino)ethoxy]fluoren-9
Method:	Fluorescence Microscopy
References:	6, 517, 518
Structure:	CC[NH+](CC)CCOc1ccc-2c(c1)C(=O)c1cc(OCC[NH+](CC)CC)ccc-21
Name:	Diltiazem
Method:	Uptake/Binding
References:	5
Structure:	COc1ccc(cc1)C1Sc2ccccc2N(CC[NH+](C)C)C(=O)C1OC(C)=O
Name:	Triparanol
Method:	Pharmacological Effect
References:	6, 520

Structure:	CC[NH+](CC)CCOc1ccc(cc1)C(O)(Cc1ccc(Cl)cc1)c1ccc(C)cc1
Name:	1
Method:	Fluorescence Microscopy
References:	7
Structure:	CN1CCN(CC1)c1nc(cs1)-c1ccc(cc1)C(=O)NC1(CCCCC1)C(=O)[N-]C#N
Name:	Verapamil
Method:	Uptake/Binding
References:	5
Structure:	COc1ccc(CC[NH+](C)CCCC(C#N)(C(C)C)c2ccc(OC)c(OC)c2)cc1OC
Name:	10
Method:	Uptake/Binding
References:	7
Structure:	CCC[NH+]1CCN(CC1)c1nc(cs1)-c1ccc(cc1)C(=O)NC1(CCCCC1)C(=O)[N-]C#N
Name:	F7030; FUN® 1
Method:	Fluorescence Microscopy
References:	606
Structure:	C[n+]1c(sc2ccccc12)\C=C1/C=C(Cl)N(c2ccccc2)c2ccccc12
Name:	T3166; N-(3-triethylammoniumpropyl)-4-(6-(4-(diethylamino)phenyl)hexatrienyl)pyridinium dibromide FM® 4-64
Method:	NA
References:	Invi
Structure:	CCN(CC)c1ccc(cc1)\C=C\C=C\C=C\c1cc[n+](CCC[N+](CC)(CC)CC)cc1
Name:	Desethylamiodarone
Method:	Cell Fractionation
References:	6, 24, 521
Structure:	CCCCc1oc2ccccc2c1C(=O)c1cc(I)c(OCC[NH2+]CC)c(I)c1
Name:	Amiodarone
Method:	Pharmacological Effect
References:	2, 6, 24, 42, 510
Structure:	CCCCc1oc2ccccc2c1C(=O)c1cc(I)c(OCC[NH+](CC)CC)c(I)c1
Name:	N3524; 6-((N-(7-nitrobenz-2-oxa-1,3- diazol-4-yl)amino)hexanoyl)sphingosyl phosphocholineNBD C6-sphingomyelin
Method:	Fluorescence Microscopy
References:	636
Structure:	CCCCCCCCCCCCCC\C=C\C(O)C(COP([O-])(=O)OCC[N+](C)(C)C)NC(=O)CCCCCNc1ccc(c2nonc12)N(=O)=O
Name:	Azithromycin

Method:	Cell Fractionation
References:	162
Structure:	CCC1OC(=O)C(C)C(OC2CC(C)(OC)C(O)C(C)O2)C(C)C(OC2OC(C)CC(C2O)[NH+](C)C)C(C)(O)CC(C)C[NH+](C)C(C)C(O)C1(C)O
Name:	Netilmicin
Method:	Pharmacological Effect
References:	23
Structure:	CC[NH2+]C1CC([NH3+])C(OC2OC(C[NH3+])=CCC2[NH3+])C(O)C1OC1OCC(C)(O)C([NH2+]C)C1O
Name:	3-Aminopropanal
Method:	Fluorescence Microscopy
References:	11
Structure:	[NH3+]CCC=O
Name:	Stilbamidine
Method:	Fluorescence Microscopy
References:	127
Structure:	NC(=[NH2+])c1ccc(cc1)\C=C\c1ccc(cc1)C(N)=[NH2+]
Name:	Hydroxystilbamide
Method:	Fluorescence Microscopy
References:	127
Structure:	NC(=[NH2+])C1=CC(=O)C(/C=C1)=C/C=C1C=CC(C=C1)=C(N)N
Name:	Antrycide
Method:	Fluorescence Microscopy
References:	127
Structure:	CN1C(C)=CC(=[NH2+])c2cc(Nc3cc(C)[n+](C)c(N)n3)ccc12
Name:	Dexamethasone
Method:	Fluorescence Microscopy
References:	127
Structure:	CC1CC2C3CCC4=CC(=O)C=CC4(C)C3(F)C(O)CC2(C)C1(O)C(=O)CO
Name:	Eosin
Method:	Fluorescence Microscopy
References:	127
Structure:	[O-]C(=O)c1ccccc1C1=C2C=C(Br)C(=O)C(Br)=C2Oc2c(Br)c([O-])c(Br)cc12
Name:	Anthracene
Method:	Fluorescence Microscopy
References:	127
Structure:	C1=CC2=CC3=C(C=CC=C3)C=C2C=C1
Name:	Vitamin A
Method:	Fluorescence Microscopy
References:	127
Structure:	CC(\C=C\C=C(C)\C=C\C1=C(C)CCCC1(C)C)=C/CO

Name:	Uroporphyrin I
Method:	Fluorescence Microscopy
References:	127
Structure:	[O-]C(=O)CCc1c(CC([O-])=O)c2cc3[nH]c(cc4[nH]c(cc5nc(cc1n2)c(CC([O-])=O)c5CCC([O-])=O)c(CC([O-])=O)c4CCC([O-])=O)c(CC([O-])=O)c3CCC([O-])=O
Name:	Amantadine
Method:	Pharmacological Effect
References:	5, 229
Structure:	[NH3+]C12CC3CC(CC(C3)C1)C2
Name:	Atropine
Method:	Pharmacological Effect
References:	5, 229
Structure:	C[NH+]1C2CCC1CC(C2)OC(=O)C(CO)c1ccccc1
Name:	LCL284
Method:	Pharmacological Effect
References:	13
Structure:	CCCCCCCCCCCCCC[NH2+]C(C)C(O)c1ccccc1
Name:	LCL204
Method:	Pharmacological Effect
References:	13
Structure:	CCCCCCCCCCCCCC[NH2+]C(CO)C(O)c1ccc(cc1)N(=O)=O
Name:	MSDH; O-methyl-serine dodecylamine hydrochloride
Method:	Pharmacological Effect
References:	44, 46
Structure:	CCCCCCCCCCCCNC(=O)C([NH3+])COC
Name:	Serine Dodecylamide; SDA
Method:	Pharmacological Effect
References:	46
Structure:	CCCCCCCCCCCCNC(=O)C([NH3+])CO
Name:	N-dodecylimidazole
Method:	Pharmacological Effect
References:	46
Structure:	CCCCCCCCCCCCn1ccnc1
Name:	Dansylamylamine; MDH
Method:	Fluorescence Microscopy
References:	62
Structure:	CCCCCNS(=O)(=O)c1cccc2c(cccc12)N(C)C
Name:	D-tubocurarine
Method:	Cell Fractionation
References:	73
Structure:	COc1cc2CC[NH+](C)C3Cc4ccc(Oc5c(O)c(OC)cc6CC[N+](C)(C)C(Cc7ccc(O)c(Oc1cc23)c7)c56)cc4

Name:	PPC; Pyridinium Zn (II) phthalocyanine
Method:	Fluorescence Microscopy
References:	87
Structure:	C(c1ccc2c3nc(nc4n5[Zn]n6c(nc7nc(nc5c5cc(C[n+]8ccccc8)ccc45)c4ccc(C[n+]5ccccc5)cc74)c4ccc(C[n+]5ccccc5)cc4c6n3)c2c1)[n+]1ccccc1
Name:	TSPC; Tetrasulfonated Zn(II) phthalocyanine
Method:	Fluorescence Microscopy
References:	87
Structure:	[O-]S(=O)(=O)c1ccc2c3nc(nc4n5[Zn]n6c(nc7nc(nc5c5cc(ccc45)S([O-])(=O)=O)c4ccc(cc74)S([O-])(=O)=O)c4ccc(cc4c6n3)S([O-])(=O)=O)c2c1
Name:	Hypericin
Method:	Fluorescence Microscopy
References:	90
Structure:	Cc1cc(O)c2C(=O)c3c(O)cc([O-])c4c5c([O-])cc(O)c6C(=O)c7c(O)cc(C)c8c1c2c(c34)c(c78)c56
Name:	EtNBS; 5-ethylamino-9-diethyl-aminobenzo[a]phenothiazinium chloride
Method:	Fluorescence Microscopy
References:	96
Structure:	CC\N=C1/C=C2Sc3cc(ccc3N=C2c2ccccc12)N(CC)CC
Name:	Ofloxacin
Method:	Fluorescence Microscopy
References:	97
Structure:	CC1COc2c(N3CCN(C)CC3)c(F)cc3C(=O)C(=CN1c23)C([O-])=O
Name:	Norfloxacin
Method:	Fluorescence Microscopy
References:	97
Structure:	CCN1C=C(C([O-])=O)C(=O)c2cc(F)c(cc12)N1CC[NH2+]CC1
Name:	Lomefloxacin
Method:	Fluorescence Microscopy
References:	97
Structure:	CCN1C=C(C([O-])=O)C(=O)c2cc(F)c(N3CC[NH2+]C(C)C3)c(F)c12
Name:	BAYy3118
Method:	Fluorescence Microscopy
References:	97
Structure:	[O-]C(=O)C1=CN(C2CC2)c2c(Cl)c(N3CC4CCC[NH2+]C4C3)c(F)cc2C1=O
Name:	Cyamemazine; CMZ
Method:	Fluorescence Microscopy
References:	101
Structure:	CC(CN1c2ccccc2Sc2ccc(cc12)C#N)C[NH+](C)C
Name:	PCI-0123; Lutetium Texapyrin
Method:	Fluorescence Microscopy
References:	110
Structure:	CCC1=C(CC)/C2=C/C3=N/C(=C\N=C4\C=C(OCCOCCOCCOC)C(OCCOCCOCCOC)=C\C\4=N\C=C4/N=C(/C=C\1N2[Lu])C(CCCO)=C/4C)/C(C)=C3CCCO
Name:	NBA
Method:	Fluorescence Microscopy
References:	112
Structure:	CCN(CC)c1ccc2N=C3C(Oc2c1)=CC(=N)c1ccccc31
Name:	NBA-6I
Method:	Fluorescence Microscopy
References:	112
Structure:	CCN(CC)c1ccc2N=C3c4ccccc4C(=N)C(I)=C3Oc2c1
Name:	NBS
Method:	Fluorescence Microscopy
References:	112
Structure:	CCN(CC)c1ccc2N=C3C(Sc2c1)=CC(=[NH2+])c1ccccc31
Name:	NBS-6I
Method:	Fluorescence Microscopy
References:	112
Structure:	CCN(CC)c1ccc2N=C3c4ccccc4C(=N)C(I)=C3Sc2c1
Name:	Sat-NBS
Method:	Fluorescence Microscopy
References:	112
Structure:	CCN(CC)c1ccc2N=C3C(Sc2c1)=CC(=[NH2+])C1=C3CCCC1
Name:	Sat-NBS-6I
Method:	Fluorescence Microscopy
References:	112
Structure:	CCN(CC)c1ccc2N=C3C4=C(CCCC4)C(=N)C(I)=C3Sc2c1
Name:	AlPcS2a
Method:	Fluorescence Microscopy
References:	125
Structure:	O[Al-]1(O)n2c3cc4nc(cc5n1c(cc1nc(cc2c2ccccc32)c2cccc(c12)S([O-])(=O)=O)c1cccc(c51)S([O-])(=O)=O)c1ccccc41
Name:	Gimatecan
Method:	Fluorescence Microscopy
References:	130

Structure:	CCC1(O)C(=O)OCC2=C1C=C1N(Cc3c1nc1ccccc1c3\C=N\OC(C)(C)C)C2=O
Name:	DADP-o; 5,15-di[4-(N-trimethylaminophenyl)-10,20-diphenylporphyrin
Method:	Fluorescence Microscopy
References:	138
Structure:	C[N+](C)(C)c1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccc(cc2)[N+](C)(C)C)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	Tilmicosin
Method:	Cell Fractionation
References:	145
Structure:	CCC1OC(=O)CC(O)C(C)C(OC2OC(C)C(O)C(C2O)[NH+](C)C)C(CC[NH+]2CC(C)CC(C)C2)CC(C)C(=O)\C=C\C(C)=C\C1COC1OC(C)C(O)C(OC)C1OC
Name:	Roxithromycin
Method:	Cell Fractionation
References:	160
Structure:	CCC1OC(=O)C(C)C(OC2CC(C)(OC)C(O)C(C)O2)C(C)C(OC2OC(C)CC(C2O)[NH+](C)C)C(C)(O)CC(C)\C(=N\OCOCCOC)C(C)C(O)C1(C)O
Name:	Erythromycin
Method:	Cell Fractionation
References:	160
Structure:	CCC1OC(=O)C(C)C(OC2CC(C)(OC)C(O)C(C)O2)C(C)C(OC2OC(C)CC(C2O)[NH+](C)C)C(C)(O)CC(C)C(=O)C(C)C(O)C1(C)O
Name:	Sertraline
Method:	Uptake/Binding
References:	175
Structure:	C[NH2+]C1CCC(c2ccc(Cl)c(Cl)c2)c2ccccc12
Name:	Perazine
Method:	Uptake/Binding
References:	175
Structure:	CN1CC[NH+](CCCN2c3ccccc3Sc3ccccc23)CC1
Name:	IR-1
Method:	Fluorescence Microscopy
References:	193
Structure:	CC1(C)\C(=C/C=C2CCCC(/C=C/C3=[N+](CCCCS([O-])(=O)=O)c4ccccc4C3(C)C)=C\2Oc2ccc(CCC(=O)NCC3OC(O)C([NH3+])C(O)C3O)cc2)N(CCCCS([O-])(=O)=O)c2ccccc12
Name:	IR-2
Method:	Fluorescence Microscopy
References:	193, 506

Structure:	CC1(C)\C(=C/C=C2CCCC(/C=C/C3=[N+](CCCCS([O-])(=O)=O)c4ccccc4C3(C)C)=C\2Oc2cccc(OCCCC[NH2+]CC3OC(O)C([NH3+])C(O)C3O)c2)N(CCCCS([O-])(=O)=O)c2ccccc12
Name:	AR-L 115 BS; Sulmazole
Method:	Pharmacological Effect
References:	196
Structure:	COc1cc(ccc1-c1nc2ncccc2[nH]1)S(C)=O
Name:	HX-CH 44 BS
Method:	Pharmacological Effect
References:	196
Structure:	COc1ccc2N=C(N(C)C(=O)c2c1)c1ccc(OCC(O)C[NH2+]C(C)(C)C)cc1
Name:	SX-AB 1316 SE
Method:	Pharmacological Effect
References:	196
Structure:	[O-]C(=O)Cc1ccc2CC(Cc2c1)NS(=O)(=O)c1ccc(Cl)cc1
Name:	AF-CX 1325 XX
Method:	Pharmacological Effect
References:	196
Structure:	N\C(c1ccccc1)=C1/C(=O)c2ccccc2S1=O
Name:	Oritavancin
Method:	Pharmacological Effect
References:	201
Structure:	C[NH2+]C(CC(C)C)C(=O)NC1C(O)c2ccc(Oc3cc4cc(Oc5ccc(cc5Cl)C(OC5CC(C)([NH3+])C(O)C(C)O5)C5NC(=O)C(NC(=O)C4NC(=O)C(CC(N)=O)NC1=O)c1ccc(O)c(c1)-c1c(O)cc(O)cc1C(NC5=O)C([O-])=O)c3OC1OC(CO)C(O)C(O)C1OC1CC(C)([NH2+]Cc3ccc(cc3)-c3ccc(Cl)cc3)C(O)C(C)O1)c(Cl)c2
Name:	Tobramycin
Method:	histo
References:	208
Structure:	[NH3+]CC1OC(OC2C([NH3+])CC([NH3+])C(OC3OC(CO)C(O)C([NH3+])C3O)C2O)C([NH3+])CC1O
Name:	Vancomycin
Method:	histo
References:	208
Structure:	C[NH2+]C(CC(C)C)C(=O)NC1C(O)c2ccc(Oc3cc4cc(Oc5ccc(cc5Cl)C(O)C5NC(=O)C(NC(=O)C4NC(=O)C(CC(N)=O)NC1=O)c1ccc(O)c(c1)-c1c(O)cc(O)cc1C(NC5=O)C([O-])=O)c3OC1OC(CO)C(O)C(O)C1OC1CC(C)([NH3+])C(O)C(C)O1)c(Cl)c2
Name:	ABP; N-(3-dimethylaminopropyl)benzylpenicillinamide

Method:	Cell Fractionation
References:	209
Structure:	C[NH+](C)CCCNC(=O)C1N2C(SC1(C)C)C(NC(=O)Cc1ccccc1)C2=O
Name:	Bacteriopurpurinimide Derivative 7
Method:	Fluorescence Microscopy
References:	212
Structure:	CCCCCCN1C(=O)C2=C(C)\C3=C\C4=N\C(=C/C5[NH2+]C(\C=C6/N=C(C(CCC(=O)OCCC)C6C)C(C1=O)=C2N3)C(C)=C5C(C)OC)C(C)C4CC
Name:	CPT1
Method:	Fluorescence Microscopy
References:	215
Structure:	CCCOc1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(OCCCCCCCCCCC[N+](C)(C)C)cc2)c2ccc([nH]2)c(-c2ccc(OCCCCCCCCCCC[N+](C)(C)C)cc2)c2ccc(n2)c(-c2ccc(OCCCCCCCCCCC[N+](C)(C)C)cc2)c2ccc1[nH]2
Name:	Benz(a)anthracene
Method:	Pharmacological Effect
References:	221
Structure:	c1ccc2cc3c(ccc4ccccc34)cc2c1
Name:	Benzo(a)pyrene
Method:	Pharmacological Effect
References:	221
Structure:	c1ccc2c(c1)cc1ccc3cccc4ccc2c1c34
Name:	7,9-Dimethylbenz(c)acridine
Method:	Pharmacological Effect
References:	221
Structure:	Cc1ccc2nc3c(ccc4ccccc34)c(C)c2c1
Name:	7,12-Dimethylbenz(a)anthracene
Method:	Pharmacological Effect
References:	221
Structure:	Cc1c2ccccc2c(C)c2c1ccc1ccccc21
Name:	3-Methylcholanthrene
Method:	Pharmacological Effect
References:	221
Structure:	Cc1ccc2cc3c(ccc4ccccc34)c3CCc1c23
Name:	Porphyrin-MLS
Method:	Fluorescence Microscopy
References:	211
Structure:	CCC(C)C(NC(=O)C(CCCC[NH3+])NC(=O)C(C)NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C1CCCN1C(=O)C(NC(=O)C1CCCN1C(=O)C(CC(C)C)NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(C)NC(=O)C(CO)NC(=O)CNC(=O)C(NC(=O)C(CC(C)C)NC(=O)CNC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CC(C)C)NC(=O)C(CC(C)C)NC(=O)C(CC(C)C)NC(=O)C1CCCN1C(=O)C(NC(=O)C(CC(C)C)NC(=O)C(CCSC)NC(=O)OCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)C1=C2\C=CC(=N\2)/C(c2ccccc2)=C2/C=CC(=N/2)\C(c2ccccc2)=C2\C=CC(=N\2)/C(c2ccccc2)=C2/C=CC\1=N/2)C(C)C)C(C)O)C(C)O)C(C)C)C(=O)NC(Cc1c[nH]cn1)C(=O)NC(CO)C(=O)NC(CC(C)C)C([O-])=O
Name:	Methotrexate Polyglutamate
Method:	Cell Fractionation
References:	195
Structure:	CN(Cc1cnc2nc(N)nc(N)c2n1)c1ccc(cc1)C(=C)[NH2+]C(CCC(=O)NC(CCC(=O)NC(CCC(=O)NC(CCC([O-])=O)C([O-])=O)C([O-])=O)C([O-])=O)C([O-])=O
Name:	TPC-Ahx-ATWLPPR
Method:	Fluorescence Microscopy
References:	220
Structure:	CC(C)CC(NC(=O)C(Cc1c[nH]c2ccccc12)NC(=O)C(NC(=O)C(C)NC(=O)CCCCCNC(=O)c1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(C)O)C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(CCCNC(N)=[NH2+])C([O-])=O
Name:	Sparfloxacin
Method:	Fluorescence Microscopy
References:	223
Structure:	CC1CN(CC(C)[NH2+]1)c1c(F)c(N)c2C(=O)C(=CN(C3CC3)c2c1F)C([O-])=O
Name:	ATMPn; 9,-Acetoxy-2,7,12,17-tetrakis-(ß-methoxyethyl)-porphycene
Method:	Fluorescence Microscopy
References:	255
Structure:	COCCc1cc2nc1ccc1[nH]c(cc1CCOC)c1cc(CCOC)c(n1)c(OC(C)=O)cc1[nH]c2cc1CCOC
Name:	Telavancin
Method:	Cell Fractionation
References:	286
Structure:	CCCCCCCCCC[NH2+]CC[NH2+]C1(C)CC(OC(C)C1O)OC1C(O)C(O)C(CO)OC1Oc1c2Oc3ccc(cc3Cl)C(O)C(NC(=O)C(CC(C)C)[NH2+]C)C(=O)NC(CC(N)=O)C(=O)NC3C(=O)[N-]C4C(=O)NC(C(O)c5ccc(Oc1cc3c2)c(Cl)c5)C(=O)NC(C([O-])=O)c1cc(O)c(C[NH2+]CP(O)([O-])=O)c(O)c1-c1cc4ccc1O
Name:	ZnPcOCH3
Method:	Fluorescence Microscopy
References:	303
Structure:	COc1ccc2c3nc(nc4n5[Zn]n6c(nc7nc(nc5c5cc(OC)ccc45)c4ccc(OC)cc74)c4ccc(OC)cc4c6n3

	)c2c1
Name:	EB1089
Method:	Fluorescence Microscopy
References:	308
Structure:	CCC(O)(CC)\C=C\C=C\C(C)C1CCC2\C(CCCC12C)=C/C=C1/CC(O)CC(O)C1=C
Name:	HexoTMPn
Method:	Fluorescence Microscopy
References:	323
Structure:	CCCCCCC(=O)Oc1cc2[nH]c(cc2CCOC)c2cc(CCOC)c(ccc3[nH]c(cc3CCOC)c3cc(CCOC)c1n3)n2
Name:	PeloTMPn
Method:	Fluorescence Microscopy
References:	323
Structure:	CCCCCCCCC(=O)Oc1cc2[nH]c(cc2CCOC)c2cc(CCOC)c(ccc3[nH]c(cc3CCOC)c3cc(CCOC)c1n3)n2
Name:	CpoTMPn
Method:	Fluorescence Microscopy
References:	323
Structure:	CCCCCC(=O)Oc1cc2[nH]c(cc2CCOC)c2cc(CCOC)c(ccc3[nH]c(cc3CCOC)c3cc(CCOC)c1n3)n2
Name:	EBC
Method:	Fluorescence Microscopy
References:	332
Structure:	CCc1c(C)c2cc3[nH]c(c(C)c3CC)c3cc(cc4c3nc(cc3[nH]c(cc1n2)c(C)c3CC)C4(C)CC)S([O-])(=O)=O
Name:	Porphyrin-Retinamide Derivative 2
Method:	Fluorescence Microscopy
References:	352
Structure:	CC(\C=C\C1=C(C)CCCC1(C)C)=C/C=C/C(C)=C/C(=O)Nc1ccc(cc1)C1=C2\C=CC(=N\2)/C(c2ccccc2)=C2NC(/C=C\2)=C(c2ccccc2)\C2=N\C(/C=C2)=C(/C2[NH2+]C\1C=C2)c1ccccc1
Name:	Porphyrin-Retinamide Derivative 3
Method:	Fluorescence Microscopy
References:	352
Structure:	CC(\C=C\C1=C(C)CCCC1(C)C)=C\C=C/C(C)=C/C(=O)Nc1ccc(cc1)C1=C2\C=CC(=N\2)/C(c2ccccc2)=C2NC(/C=C\2)=C(c2ccccc2)\C2=N\C(/C=C2)=C(/C2[NH2+]C\1C=C2)c1ccccc1
Name:	Cationic Water-Soluble Phthalocyanine Derivative 10
Method:	Fluorescence Microscopy
References:	353
Structure:	C[n+]1cccc(Oc2cc3c4cc5n6[Zn]n7c(cc(n4)c3cc2Oc2ccc[n+](C)c2)c2cc(Oc3ccc[n+](C)c3)c(Oc3ccc[n+](C)c3)cc2c7cc2nc(cc6c3cc(Oc4ccc[n+](C)c4)c(Oc4ccc[n+](C)c4)cc53)c3cc(Oc4ccc[n+](C)c4)c(Oc4ccc[n+](C)c4)cc23)c1
Name:	Cationic Water-Soluble Phthalocyanine Derivative 11
Method:	Fluorescence Microscopy
References:	353
Structure:	COCCOCCOCC[n+]1cccc(Oc2cc3c4cc5n6[Zn]n7c(cc(n4)c3cc2Oc2ccc[n+](CCOCCOCCOC)c2)c2cc(Oc3ccc[n+](CCOCCOCCOC)c3)c(Oc3ccc[n+](CCOCCOCCOC)c3)cc2c7cc2nc(cc6c3cc(Oc4ccc[n+](CCOCCOCCOC)c4)c(Oc4ccc[n+](CCOCCOCCOC)c4)cc53)c3cc(Oc4ccc[n+](CCOCCOCCOC)c4)c(Oc4ccc[n+](CCOCCOCCOC)c4)cc23)c1
Name:	Cationic Water-Soluble Phthalocyanine Derivative 12
Method:	Fluorescence Microscopy
References:	353
Structure:	CCC[Si](CCC)(CCC)[Si]1(N2C3=CC4=N\C(=C/C5[NH+]1C(\C=C1/N=C(C=C2c2cc(Oc6ccc[n+](C)c6)c(Oc6ccc[n+](C)c6)cc32)c2cc(Oc3ccc[n+](C)c3)c(Oc3ccc[n+](C)c3)cc12)c1cc(Oc2ccc[n+](C)c2)c(Oc2ccc[n+](C)c2)cc51)c1cc(Oc2ccc[n+](C)c2)c(Oc2ccc[n+](C)c2)cc41)[Si](CCC)(CCC)CCC
Name:	Cationic Water-Soluble Phthalocyanine Derivative 13
Method:	Fluorescence Microscopy
References:	353
Structure:	CCC(CC)[Si](C(CC)CC)(C(CC)CC)[Si]1([NH+]2C3C=C4N=C(C=C5[NH+]1C(=CC1=N\C(=C/C2c2cc(Oc6ccc[n+](C)c6)c(Oc6ccc[n+](C)c6)cc32)c2cc(Oc3ccc[n+](C)c3)c(Oc3ccc[n+](C)c3)cc12)c1cc(Oc2ccc[n+](C)c2)c(Oc2ccc[n+](C)c2)cc51)c1cc(Oc2ccc[n+](C)c2)c(Oc2ccc[n+](C)c2)cc41)[Si](C(CC)CC)(C(CC)CC)C(CC)CC
Name:	Cationic Water-Soluble Phthalocyanine Derivative 14
Method:	Fluorescence Microscopy
References:	353
Structure:	C[n+]1cccc(Oc2cc3C4\C=C5/N=C(/C=C6\[NH+]7C(=CC8=N\C(=C/C([NH+]4[Si]7([Si](c4ccccc4)(c4ccccc4)C(C)(C)C)[Si](c4ccccc4)(c4ccccc4)C(C)(C)C)c3cc2Oc2ccc[n+](C)c2)c2cc(Oc3ccc[n+](C)c3)c(Oc3ccc[n+](C)c3)cc82)c2cc(Oc3ccc[n+](C)c3)c(Oc3ccc[n+](C)c3)cc62)c2cc(Oc3ccc[n+](C)c3)c(Oc3ccc[n+](C)c3)cc52)c1
Name:	Cationic Water-Soluble Phthalocyanine Derivative 15
Method:	Fluorescence Microscopy
References:	353
Structure:	COCCOCCOCC[n+]1cccc(Oc2cc3C4\C=C5/N=C(/C=C6\[NH+]7\C(=C/C8=N/C(=C\C([N

	H+]4[Si]7([Si](c4ccccc4)(c4ccccc4)C(C)(C)C)[Si](c4ccccc4)(c4ccccc4)C(C)(C)C)c3cc2Oc2ccc[n+](CCOCCOCCOC)c2)c2cc(Oc3ccc[n+](CCOCCOCCOC)c3)c(Oc3ccc[n+](CCOCCOCCOC)c3)cc82)c2cc(Oc3ccc[n+](CCOCCOCCOC)c3)c(Oc3ccc[n+](CCOCCOCCOC)c3)cc62)c2cc(Oc3ccc[n+](CCOCCOCCOC)c3)c(Oc3ccc[n+](CCOCCOCCOC)c3)cc52)c1
Name:	Porphyrin Conjugate Derivative 10
Method:	Fluorescence Microscopy
References:	354
Structure:	CC(C)C(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C1CCCN1C(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCCOCCNC(=O)COc1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(OCC([O-])=O)cc2)c2ccc([nH]2)c(-c2ccc(OCC([O-])=O)cc2)c2ccc(n2)c(-c2ccc(OCC([O-])=O)cc2)c2ccc1[nH]2)C(N)=O
Name:	Porphyrin Conjugate Derivative 11
Method:	Fluorescence Microscopy
References:	354
Structure:	NC(=[NH2+])NCCCC(NC(=O)CNC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCCOCCCNC(=O)COc1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(OCC([O-])=O)cc2)c2ccc([nH]2)c(-c2ccc(OCC([O-])=O)cc2)c2ccc(n2)c(-c2ccc(OCC([O-])=O)cc2)c2ccc1[nH]2)C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCC(N)=O)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(CCC(N)=O)C(N)=O
Name:	Porphyrin-Peptide Conjugate 3
Method:	Fluorescence Microscopy
References:	378
Structure:	CSCCC(NC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(=O)NCC(=O)NC(CC(C)C)C(=O)NCC(=O)NC(CC(C)C)C(=O)NC(Cc1c[nH]cn1)C(=O)NC(CC(C)C)C(=O)NC(CC(C)C)C(=O)NC(C(C)C)C(=O)NC(CC(C)C)C(=O)NC(C)C(=O)NC(C)C(=O)NC(C)C(=O)NC(CC(C)C)C(=O)NC(CCC(N)=O)C(=O)NCC(=O)NC(C)C(=O)NC(Cc1c[nH]c2ccccc12)C(=O)NC(CO)C(=O)NC(CCC(N)=O)C(=O)NC(C)C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCC[NH3+])C(=O)NC(C(C)C)C(=O)NCC([O-])=O
Name:	Porphyrin-Peptide Conjugate 4
Method:	Fluorescence Microscopy
References:	378
Structure:	CCC(C)C(NC(=O)C(CCC(N)=O)NC(=O)C(CCCNC(N)=[NH2+])NC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(=O)NC(CCCC[NH3+])C(=O)NC(C(C)CC)C(=O)NC(Cc1c[nH]c2ccccc12)C(=O)NC(Cc1ccccc1)C(=O)NC(CCC(N)=O)C(=O)NC(CC(N)=O)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)N[C@H](CCSC)C(=O)NC(CCCC[NH3+])C(=O)NC(Cc1c[nH]c2ccccc12)C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(C)C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCC[NH3+])C(=O)NC(C(C)C)C(=O)NCC([O-])=O
Name:	Porphyrin-Peptide Conjugate 5
Method:	Fluorescence Microscopy
References:	378
Structure:	CC(C)CC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(C)NC(=O)C(CCC(N)=O)NC(=O)CNC(=O)C(C)NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(NC(=O)C(C)NC(=O)C(C)NC(=O)C1CCCN1C(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCC[NH3+])NC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(C)O)C(=O)NC(CCC([O-])=O)C(=O)NC(CC([O-])=O)C(=O)N1CCCC1C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCC(N)=O)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(CCC(N)=O)C(=O)NCC([O-])=O
Name:	Nonaggregated Water-Soluble Phthalocyanine Derivative 5a
Method:	Fluorescence Microscopy
References:	380
Structure:	[O-]C(=O)c1cc(Oc2cc3c4nc(nc5n6[Zn]n7c(n4)c4cc(Oc8cc(cc(c8)C([O-])=O)C([O-])=O)c(Oc8cc(cc(c8)C([O-])=O)C([O-])=O)cc4c7nc4nc(nc6c6cc(Oc7cc(cc(c7)C([O-])=O)C([O-])=O)c(Oc7cc(cc(c7)C([O-])=O)C([O-])=O)cc56)c5cc(Oc6cc(cc(c6)C([O-

	])=O)C([O-])=O)c(Oc6cc(cc(c6)C([O-])=O)C([O-])=O)cc45)c3cc2Oc2cc(cc(c2)C([O-])=O)C([O-])=O)cc(c1)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 1A
Method:	Fluorescence Microscopy
References:	387
Structure:	Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	Porphyrin-Peptide Conjugate 5A
Method:	Fluorescence Microscopy
References:	387
Structure:	S=C=Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	Porphyrin-Peptide Conjugate 13A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=S)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 14A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)C(CCCC[NH3+])NC(=S)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 15A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=S)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 16A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 17A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)C(CCCC[NH3+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O

Name:	Porphyrin-Peptide Conjugate 18A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 19A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc3c(-c4ccccc4)c4ccc(n4)c(-c4ccccc4)c4ccc1n4[Zn]n23)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 20A
Method:	Fluorescence Microscopy
References:	387
Structure:	[NH3+]CCCCC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc3c(-c4ccccc4)c4ccc5c(-c6ccccc6)c6ccc7c(-c8ccccc8)c8ccc1[n+]8[Sn@@](n67)(n23)[n+]45)C([O-])=O
Name:	Porphyrin-Peptide Conjugate 21A
Method:	Fluorescence Microscopy
References:	387
Structure:	NC(=[NH2+])NCCCC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=S)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(N)=O
Name:	Porphyrin-Peptide Conjugate 22A
Method:	Fluorescence Microscopy
References:	387
Structure:	NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	Porphyrin-Peptide Conjugate 23A
Method:	Fluorescence Microscopy
References:	387
Structure:	NC(=[NH2+])NCCCC(NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(N)=O
Name:	Porphyrin-Peptide Conjugate 24A
Method:	Fluorescence Microscopy

References:	387
Structure:	NC(=[NH2+])NCCCC(NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCC[NH3+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(N)=O
Name:	Porphyrin-Peptide Conjugate 25A
Method:	Fluorescence Microscopy
References:	387
Structure:	NC(=[NH2+])NCCCC(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)CCCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(N)=O
Name:	Saponin Derivative 1a
Method:	Fluorescence Microscopy
References:	421
Structure:	CC1CCC2(OC1)OC1CC3C4CCC5CC(CCC5(C)C4CCC3(C)C1C2C)OC1OC(CO)C(OC2OC(C)C(OCCNS(=C)(=C)c3cccc4c(cccc34)N(C)C)C(O)C2O)C(O)C1OC1OC(C)C(O)C(O)C1O
Name:	Saponin Derivative 1b
Method:	Fluorescence Microscopy
References:	421
Structure:	CC1CCC2(OC1)OC1CC3C4CCC5CC(CCC5(C)C4CCC3(C)C1C2C)OC1OC(CO)C(OC2OC(C)C(OCCNC(=S)Nc3ccc4c(c3)C(=O)OC43c4ccc(C)cc4Oc4cc(C)ccc34)C(O)C2O)C(O)C1OC1OC(C)C(O)C(O)C1O
Name:	Saponin Derivative 2
Method:	Fluorescence Microscopy
References:	421
Structure:	CC1CCC2(OC1)OC1CC3C4CCC5CC(CCC5(C)C4CCC3(C)C1C2C)OC1OC(C)C(OC2OC(C)C(ONS(=C)(=C)c3cccc4c(cccc34)N(C)C)C(O)C2O)C(O)C1OC1OC(C)C(O)C(O)C1O
Name:	Saponin Derivative 3
Method:	Fluorescence Microscopy
References:	421
Structure:	CC(C)CCCC(C)C1CCC2C3CCC4CC(CCC4(C)C3CCC12C)OC1OC(CO)C(OC2OC(C)C(OCCNS(=C)(=C)c3cccc4c(cccc34)N(C)C)C(O)C2O)C(O)C1OC1OC(C)C(O)C(O)C1O
Name:	Iejimalide Derivative 8
Method:	Fluorescence Microscopy
References:	423
Structure:	CCN(CC)c1ccc2C=C(NC(=O)Oc3ccccc3)C(=O)Oc2c1
Name:	Glucosylated Si(IV) Phthalocyanine
	Derivative 3
Method:	Fluorescence Microscopy
References:	427
Structure:	CC1(C)OCC(O1)C1OC2OC(C)(C)OC2C1OCCOCCOCCOCCO[Si]1(OCCOCCOCCOCCOC2C(OC3OC(C)(C)OC23)C2COC(C)(C)O2)n2c3cc4nc(cc5n1c(cc1nc(cc2c2ccccc32)c2ccccc12)c1ccccc51)c1ccccc41
Name:	Subphthalocyanine Derivative 2
Method:	Fluorescence Microscopy
References:	428
Structure:	OCCOCCOCCOB1N2C3\N=C4/N=C(/N=C5\N1C(N=C2c1ccccc31)c1ccccc51)c1ccccc41
Name:	Subphthalocyanine Derivative 3
Method:	Fluorescence Microscopy
References:	428
Structure:	OCCOCCOCCOCCOB1N2C3\N=C4/N=C(/N=C5\N1C(N=C2c1ccccc31)c1ccccc51)c1ccccc41
Name:	Subphthalocyanine Derivative 4
Method:	Fluorescence Microscopy
References:	428
Structure:	COCCOCCOc1ccc(OB2N3C4\N=C5/N=C(/N=C6\N2C(N=C3c2ccccc42)c2ccccc62)c2ccccc52)cc1
Name:	Subphthalocyanine Derivative 5
Method:	Fluorescence Microscopy
References:	428
Structure:	COCCOCCOCCOc1ccc(OB2N3C4\N=C5/N=C(/N=C6\N2C(N=C3c2ccccc42)c2ccccc62)c2ccccc52)cc1
Name:	Porphyrin-Bile Acid Conjugate 1
Method:	Fluorescence Microscopy
References:	439
Structure:	CC(CCC(=O)NCC[N+](C)(C)c1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(cc2)[N+](C)(C)CCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc([nH]2)c(-c2ccc(cc2)[N+](C)(C)CCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc(n2)c(-c2ccc(cc2)[N+](C)(C)CCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc1[nH]2)C1CCC2C3C(O)CC4CC(O)CCC4(C)C3CC(O)C12C
Name:	Porphyrin-Bile Acid Conjugate 2
Method:	Fluorescence Microscopy
References:	439
Structure:	CC(CCC(=O)NCC[N+](C)(C)c1cccc(c1)-c1c2ccc(n2)c(-c2cccc(c2)[N+](C)(C)CCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc([nH]2)c(-c2cccc(c2)[N+](C)(C)CCNC(=O)CCC(C)C2

	CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc(n2)c(-c2cccc(c2)[N+](C)(C)CCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc1[nH]2)C1CCC2C3C(O)CC4CC(O)CCC4(C)C3CC(O)C12C
Name:	Porphyrin-Bile Acid Conjugate 3
Method:	Fluorescence Microscopy
References:	439
Structure:	CC(CCC(=O)NCCC[N+](C)(C)c1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(cc2)[N+](C)(C)CCCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc([nH]2)c(-c2ccc(cc2)[N+](C)(C)CCCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc(n2)c(-c2ccc(cc2)[N+](C)(C)CCCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc1[nH]2)C1CCC2C3C(O)CC4CC(O)CCC4(C)C3CC(O)C12C
Name:	Porphyrin-Bile Acid Conjugate 4
Method:	Fluorescence Microscopy
References:	439
Structure:	CC(CCC(=O)NCCC[N+](C)(C)c1cccc(c1)-c1c2ccc(n2)c(-c2cccc(c2)[N+](C)(C)CCCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc([nH]2)c(-c2cccc(c2)[N+](C)(C)CCCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc(n2)c(-c2cccc(c2)[N+](C)(C)CCCNC(=O)CCC(C)C2CCC3C4C(O)CC5CC(O)CCC5(C)C4CC(O)C23C)c2ccc1[nH]2)C1CCC2C3C(O)CC4CC(O)CCC4(C)C3CC(O)C12C
Name:	Si(IV) Phthalocyanine analogue 1
Method:	Fluorescence Microscopy
References:	538
Structure:	Clc1cc2c3nc(nc4n5c(nc6nc(nc7n(c(n3)c3cc(Cl)c(Cl)cc73)[Si]5(Cl)Cl)c3cc(Cl)c(Cl)cc63)c3cc(Cl)c(Cl)cc43)c2cc1Cl
Name:	Oregon-Green-RNase A Conjugate
Method:	Fluorescence Microscopy
References:	449
Structure:	CC(=O)Oc1cc(C)cc(C)c1C(C)(C)CC(=O)Nc1ccc2c(Oc3cc(NC(=O)NCCCN4C(=O)C=CC4=O)ccc3C22OC(=O)c3ccccc23)c1
Name:	Rhodamine-Riboflavin
Method:	Fluorescence Microscopy
References:	539
Structure:	CN(C)c1ccc2c(OC3=CC(C=CC3=C2c2ccc(N)cc2C([O-])=O)=[N+](C)C)c1
Name:	FG-H503
Method:	Fluorescence Microscopy

References:	500
Structure:	CC(C)C1[NH2+]CC2=C3C=CC=CC3=C(C[NH2+]C(C(C)C)C(=O)NCCCNC1=O)C1=C2C=CC=C1
Name:	Chlorpromazine
Method:	Pharmacological Effect
References:	512
Structure:	C[NH+](C)CCCN1C2=CC=CC=C2SC2=C1C=C(Cl)C=C2
Name:	Lidocaine
Method:	Pharmacological Effect
References:	229
Structure:	CNC(=O)OC1=CC=C2N(C)[C@H]3N(C)CC[C@@]3(C)C2=C1
Name:	Eserine
Method:	Pharmacological Effect
References:	229
Structure:	C[NH+](C)CC1=CC=CC=C1
Name:	Procaine
Method:	Pharmacological Effect
References:	229
Structure:	CC[NH+](CC)CCOC(=O)C1=CC=C(N)C=C1
Name:	N,N-dimethyl-benzylamine
Method:	Pharmacological Effect
References:	229
Structure:	CNC(=O)OC1=CC2=C(C=C1)N(C)C1N(C)CCC21C
Name:	4-Aminopyridine
Method:	Pharmacological Effect
References:	229
Structure:	NC1=CC=[NH+]C=C1
Name:	4-Aminoquinaldine
Method:	Pharmacological Effect
References:	229
Structure:	CC1=[NH+]C2=C(C=CC=C2)C(N)=C1
Name:	Ephedrine
Method:	Pharmacological Effect
References:	229
Structure:	C[NH2+]C(C)C(O)C1=CC=CC=C1
Name:	4-Dimethylaminopyridine
Method:	Pharmacological Effect
References:	229
Structure:	CN(C)C1=CC=[NH+]C=C1
Name:	Atropine
Method:	Pharmacological Effect
References:	229
Structure:	C[NH+]1C2CCC1CC(C2)OC(=O)C(CO)C1=CC=CC=C1

Name:	Mecamylamine
Method:	Pharmacological Effect
References:	229
Structure:	C[NH2+]C1(C)C2CCC(C2)C1(C)C
Name:	Pilocarpine
Method:	Pharmacological Effect
References:	229
Structure:	CCC1C(COC1=O)CC1=CN=CN1C
Name:	Nicotine
Method:	Pharmacological Effect
References:	229
Structure:	C[NH+]1CCCC1C1=CN=CC=C1
Name:	Morpholine
Method:	Pharmacological Effect
References:	229
Structure:	C1COCC[NH2+]1
Name:	Tetramethylethylenediamine
Method:	Pharmacological Effect
References:	229
Structure:	CN(C)CC[NH+](C)C
Name:	Piperazine
Method:	Pharmacological Effect
References:	229
Structure:	C1C[NH2+]CCN1
Name:	Putrescine
Method:	Pharmacological Effect
References:	229
Structure:	[NH3+]CCCC[NH3+]
Name:	Piperidine
Method:	Pharmacological Effect
References:	229
Structure:	C1CC[NH2+]CC1
Name:	Desipramine
Method:	Uptake/Binding
References:	705
Structure:	C[NH2+]CCCN1C2=CC=CC=C2CCC2=CC=CC=C12
Name:	Ciprofloxacin
Method:	Fluorescence Microscopy
References:	97
Structure:	[O-]C(=O)C1=CN(C2CC2)C2=C(C=C(F)C(=C2)N2CC[NH2+]CC2)C1=O
Name:	6'-O-lissamine-rhodamine B-glucosamine
Method:	Fluorescence Microscopy
References:	713
Structure:	CCN(CC)C1=CC2=C(C=C1)C(C1=CC(=CC(=C1)[S-](=O)=O)S(=O)(=O)OCC1OC(O)C([NH3+])C(O)C1O)=C1C=C/C(/C=C1O2)=[N+](/CC)CC
Name:	Suramin
Method:	Pharmacological Effect
References:	730
Structure:	CC1=C(NC(=O)C2=CC(NC(=O)NC3=CC=CC(=C3)C(=O)NC3=C(C)C=CC(=C3)C(=O)NC3=C4C(=CC(=CC4=C(C=C3)S(O)(=O)=O)S(O)(=O)=O)S(O)(=O)=O)=CC=C2)C=C(C=C1)C(=O)NC1=C2C(=CC(=CC2=C(C=C1)S(O)(=O)=O)S(O)(=O)=O)S(O)(=O)=O

Supplemental Table 2: The chemical compounds with reported subcellular localization site in the mitochondrion. References information is available in Supplemental Table 10. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

Name:	Valproic acid
Method:	Uptake/Binding
References:	4, 714
Structure:	CCCC(CCC)C([O-])=O
Name:	Menadione
Method:	Pharmacological Effect
References:	4, 715
Structure:	CC1=CC(=O)c2ccccc2C1=O
Name:	Aspirin
Method:	Pharmacological Effect
References:	4
Structure:	CC(=O)Oc1ccccc1C([O-])=O
Name:	Paraquat
Method:	Pharmacological Effect
References:	4
Structure:	C[n+]1ccc(cc1)-c1cc[n+](C)cc1
Name:	CCCP
Method:	Pharmacological Effect
References:	4, 717
Structure:	Clc1cccc(NN=C(C#N)C#N)c1
Name:	Clofibric acid
Method:	Pharmacological Effect
References:	4
Structure:	CC(C)(Oc1ccc(Cl)cc1)C([O-])=O
Name:	Nonylphenol
Method:	Pharmacological Effect
References:	4
Structure:	CCCCCCCCCc1ccccc1O
Name:	2-methylharmine
Method:	Pharmacological Effect
References:	4
Structure:	COC1=CC2=NC3=C(C)N(C)C=CC3=C2C=C1
Name:	Nalidixic acid
Method:	Pharmacological Effect
References:	4
Structure:	CCN1C=C(C([O-])=O)C(=O)c2ccc(C)nc12
Name:	Ellipticine
Method:	Pharmacological Effect
References:	4
Structure:	Cc1c2ccncc2c(C)c2c3ccccc3[nH]c12
Name:	Meperidine
Method:	Pharmacological Effect
References:	4
Structure:	CCOC(=O)C1(CC[NH+](C)CC1)c1ccccc1
Name:	Amytal
Method:	Pharmacological Effect
References:	4
Structure:	CCC1(CCC(C)C)C(=O)NC(=O)NC1=O
Name:	DASPEI; (2-(4-(dimethylamino)styryl)-1-methyl pyridinium
Method:	Fluorescence Microscopy
References:	4, 75
Structure:	CC[n+]1ccccc1\C=C\c1ccc(cc1)N(C)C
Name:	FCCP
Method:	Uptake/Binding
References:	4, 716
Structure:	FC(F)(F)Oc1ccc(NN=C(C#N)C#N)cc1
Name:	Trichlorophenoxyacetic acid
Method:	Pharmacological Effect
References:	4
Structure:	[O-]C(=O)COc1c(Cl)cc(Cl)cc1Cl
Name:	Zidovudine
Method:	Uptake/Binding
References:	4, 230
Structure:	CC1=CN(C2CC(N=[N+]=[N-])C(CO)O2)C(=O)NC1=O
Name:	Diethylstilbestrol
Method:	Pharmacological Effect
References:	4
Structure:	CC\C(c1ccc(O)cc1)=C(/CC)c1ccc(O)cc1
Name:	Vacor
Method:	Pharmacological Effect
References:	4
Structure:	O=C(NCc1cccnc1)Nc1ccc(cc1)N(=O)=O
Name:	Methyltriphenylphosphonium
Method:	Cell Fractionation
References:	4, 25, 26
Structure:	C[P+](c1ccccc1)(c1ccccc1)c1ccccc1

Name:	Imipramine
Method:	Cell Fractionation
References:	264
Structure:	C[NH+](C)CCCN1c2ccccc2CCc2ccccc12
Name:	Rhein
Method:	Pharmacological Effect
References:	4
Structure:	Oc1cccc2C(=O)c3cc(cc(O)c3C(=O)c12)C([O-])=O
Name:	Diazepam
Method:	Pharmacological Effect
References:	4, 6
Structure:	CN1C(=O)CN=C(c2ccccc2)c2cc(Cl)ccc12
Name:	Ciprofibrate
Method:	Pharmacological Effect
References:	4
Structure:	CC(C)(Oc1ccc(cc1)C1CC1(Cl)Cl)C([O-])=O
Name:	Nitroxinil; Nitroxynil
Method:	Pharmacological Effect
References:	4
Structure:	[O-]c1c(I)cc(cc1N(=O)=O)C#N
Name:	Diclofenac
Method:	Pharmacological Effect
References:	4
Structure:	[O-]C(=O)Cc1ccccc1Nc1c(Cl)cccc1Cl
Name:	Pyronine; Pyronin Y
Method:	Fluorescence Microscopy
References:	4, 185, 708
Structure:	CN(C)c1ccc2C=C3C=CC(C=C3Oc2c1)=[N+](C)C
Name:	Nimesulide
Method:	Pharmacological Effect
References:	4
Structure:	CS([O-])(=O)=Nc1ccc(cc1Oc1ccccc1)N(=O)=O
Name:	TBTP (Thiobutyltriphenylphosphonium bromide)
Method:	Uptake/Binding
References:	4, 37
Structure:	SCCCC[P+](c1ccccc1)(c1ccccc1)c1ccccc1
Name:	Amquinate
Method:	Pharmacological Effect
References:	4
Structure:	CCCc1cc2C(=O)C(=C[N-]c2cc1N(CC)CC)C(=O)OC
Name:	Safranin O
Method:	Pharmacological Effect
References:	4
Structure:	Cc1cc2nc3cc(C)c(N)cc3[n+](-c3ccccc3)c2cc1N

Name:	Chlorpromazine
Method:	histo
References:	4, 5, 6, 8, 58, 510
Structure:	C[NH+](C)CCCN1c2ccccc2Sc2ccc(Cl)cc12
Name:	Dichlorodiphenyldichloroethane (DDD)
Method:	Pharmacological Effect
References:	4
Structure:	ClC(Cl)C(c1ccc(Cl)cc1)c1ccccc1Cl
Name:	Lonidamine
Method:	Pharmacological Effect
References:	4
Structure:	[O-]C(=O)c1nn(Cc2ccc(Cl)cc2Cl)c2ccccc12
Name:	MPCU
Method:	Uptake/Binding
References:	4, 106
Structure:	Cc1ccc(cc1)S([O-])(=O)=NC(=O)Nc1ccc(Cl)cc1
Name:	Tebufenpyrad
Method:	Pharmacological Effect
References:	4, 527
Structure:	CCc1nn(C)c(C(=O)NCc2ccc(cc2)C(C)(C)C)c1Cl
Name:	UHDBT
Method:	Pharmacological Effect
References:	4
Structure:	CCCCCCCCCCCC1=C([O-])c2ncsc2C(=O)C1=O
Name:	Tetraphenylphosphonium
Method:	Pharmacological Effect
References:	4
Structure:	c1ccc(cc1)[P+](c1ccccc1)(c1ccccc1)c1ccccc1
Name:	Pentamidine
Method:	Pharmacological Effect
References:	4
Structure:	NC(=[NH2+])c1ccc(OCCCCCOc2ccc(cc2)C(N)=[NH2+])cc1
Name:	D632; dihydrorhodamine 123
Method:	Fluorescence Microscopy
References:	594, 601
Structure:	COC(=O)c1ccccc1C1c2ccc(N)cc2Oc2cc(N)ccc12
Name:	Phosphate diethylstilbesterol
Method:	Pharmacological Effect
References:	4
Structure:	CC\C(c1ccc(O)cc1)=C(/CC)c1ccc(OP([O-])([O-])=O)cc1
Name:	Sulofenur
Method:	Pharmacological Effect
References:	4

Structure:	[O-]S(=O)(=NC(=O)Nc1ccc(Cl)cc1)c1ccc2CCCc2c1
Name:	Buquinolate
Method:	Pharmacological Effect
References:	4
Structure:	CCOC(=O)C1=C[N-]c2cc(OCC(C)C)c(OCC(C)C)cc2C1=O
Name:	Malachite green
Method:	Uptake/Binding
References:	4, 41
Structure:	CN(C)c1ccc(cc1)C(c1ccccc1)=C1C=CC(C=C1)=[N+](C)C
Name:	Pyridaben
Method:	Pharmacological Effect
References:	4
Structure:	CC(C)(C)N1N=CC(SCc2ccc(cc2)C(C)(C)C)=C(Cl)C1=O
Name:	Methylbenzoquate
Method:	Pharmacological Effect
References:	4
Structure:	CCCCc1cc2C(=O)C(=C[N-]c2cc1OCc1ccccc1)C(=O)OC
Name:	D288; 4-(4-(dimethylamino)styryl)-N-methylpyridinium iodide4-Di-1-ASP
Method:	Fluorescence Microscopy
References:	244
Structure:	CN(C)c1ccc(cc1)\C=C\c1cc[n+](C)cc1
Name:	Menoctone
Method:	Pharmacological Effect
References:	4
Structure:	[O-]C1=C(CCCCCCCCC2CCCCC2)C(=O)C(=O)c2ccccc12
Name:	Cinnarizine
Method:	Pharmacological Effect
References:	4
Structure:	C1C[NH+](CCN1C\C=C\c1ccccc1)C(c1ccccc1)c1ccccc1
Name:	Crystal violet
Method:	Uptake/Binding
References:	4, 41
Structure:	CN(C)c1ccc(cc1)C(c1ccc(cc1)N(C)C)=C1C=CC(C=C1)=[N+](C)C
Name:	Haloperidol
Method:	Pharmacological Effect
References:	4, 6
Structure:	OC1(CC[NH+](CCCC(=O)c2ccc(F)cc2)CC1)c1ccc(Cl)cc1
Name:	T639; Tetramethylrosamine chlorid

Method:	Fluorescence Microscopy
References:	577
Structure:	CN(C)c1ccc2c(OC3=CC(C=CC3=C2c2ccccc2)=[N+](C)C)c1
Name:	M7511; MitoTracker® Orange CM-H2TMRos
Method:	Fluorescence Microscopy
References:	306, 578
Structure:	CN(C)c1ccc2C(c3ccc(CCl)cc3)c3ccc(cc3Oc2c1)N(C)C
Name:	Tioxaprofen
Method:	Pharmacological Effect
References:	4
Structure:	CC(Sc1nc(-c2ccc(Cl)cc2)c(o1)-c1ccc(Cl)cc1)C([O-])=O
Name:	Rotenone
Method:	Pharmacological Effect
References:	4
Structure:	COc1cc2OCC3Oc4c5CC(Oc5ccc4C(=O)C3c2cc1OC)C(C)=C
Name:	Hexachlorophene
Method:	Pharmacological Effect
References:	4
Structure:	[O-]c1c(Cl)cc(Cl)c(Cl)c1Cc1c([O-])c(Cl)cc(Cl)c1Cl
Name:	Perfluorooctanoic acid
Method:	Pharmacological Effect
References:	4
Structure:	[O-]C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F
Name:	Decoquinate
Method:	Pharmacological Effect
References:	4
Structure:	CCCCCCCCCCOc1cc2C(=O)C(=C[N-]c2cc1OCC)C(=O)OCC
Name:	M7510; MitoTracker® Orange CMTMRos; Tetramethylrosamine
Method:	Fluorescence Microscopy
References:	579
Structure:	CN(C)c1ccc2c(OC3=CC(C=CC3=C2c2ccc(Cl)cc2)=[N+](C)C)c1
Name:	Ranolazine
Method:	Pharmacological Effect
References:	4
Structure:	COc1ccccc1OC[C@H](O)CN1CCN(CC1)CC(=O)Nc1c(C)cccc1C
Name:	MKT-077
Method:	Fluorescence Microscopy
References:	4, 190
Structure:	CCN1C(=O)\C(S\C1=C/c1cccc[n+]1CC)=C1\Sc2ccccc2N1C

Name:	R14060; RedoxSensor™ Red CC-1
Method:	Fluorescence Microscopy
References:	306
Structure:	CN(C)c1ccc2C(c3ccc(cc3Oc2c1)N(C)C)c1c(F)c(F)c(F)c(F)c1F
Name:	Fluphenazine
Method:	Pharmacological Effect
References:	4, 58
Structure:	OCCN1CC[NH+](CCCN2c3ccccc3Sc3ccc(cc23)C(F)(F)F)CC1
Name:	Rhodamine 6G
Method:	Fluorescence Microscopy
References:	4, 76
Structure:	CCNc1cc2OC3=C\C(=N\CC)\C(C)=CC3=C(c2cc1C)c1ccccc1C(=O)OCC
Name:	D633; Dihydrorhodamine 6G
Method:	Fluorescence Microscopy
References:	601, 710
Structure:	CCNc1cc2Oc3cc(NCC)c(C)cc3C(c2cc1C)c1ccccc1C(=O)OCC
Name:	Cyhalothrine; Cyhalothrin
Method:	Pharmacological Effect
References:	4
Structure:	CC1(C)C(\C=C(/Cl)C(F)(F)F)C1C(=O)OC(C#N)c1cccc(Oc2ccccc2)c1
Name:	P243; 1-pyrenehexadecanoic acid
Method:	Fluorescence Microscopy
References:	672
Structure:	[O-]C(=O)CCCCCCCCCCCCCCCCc1ccc2ccc3cccc4ccc1c2c34
Name:	Dequalinium
Method:	Fluorescence Microscopy
References:	4, 27
Structure:	Cc1cc(N)c2ccccc2[n+]1CCCCCCCCCC[n+]1c(C)cc(N)c2ccccc12
Name:	Betulinic acid
Method:	Pharmacological Effect
References:	4
Structure:	CC(=C)C1CCC2(CCC3(C)C(CCC4C5(C)CCC(O)C(C)(C)C5CCC34C)C12)C([O-])=O
Name:	Victoria blue
Method:	Pharmacological Effect
References:	4
Structure:	CN(C)c1ccc(cc1)C(c1ccc(cc1)N(C)C)=C1C=C/C(=N/c2ccccc2)c2ccccc12
Name:	Rhodamine B
Method:	Fluorescence Microscopy
References:	677, 711
Structure:	CCN(CC)c1ccc2c(OC3=CC(C=CC3=C2c2ccc cc2C([O-])=O)=[N+](CC)CC)c1
Name:	Myxothiazol
Method:	Pharmacological Effect
References:	4
Structure:	COC(\C=C\c1csc(n1)-c1csc(n1)C(C)\C=C\C=C\C(C)C)C(C)C(\OC)=C/C(N)=O
Name:	M7513; MitoTracker® Red CM-H2XRos
Method:	Fluorescence Microscopy
References:	50
Structure:	ClCc1ccc(cc1)C1c2cc3CCCN4CCCc(c2Oc2c1cc1CCCN5CCCc2c15)c34
Name:	T668; Tetramethylrhodamine, methyl ester, perchlorate; TMRM
Method:	Fluorescence Microscopy
References:	463
Structure:	COC(=O)c1ccccc1C1=C2C=CC(C=C2Oc2cc(ccc12)N(C)C)=[N+](C)C
Name:	L6868; Bis-N-methylacridinium nitrate; Lucigenin
Method:	Uptake/Binding
References:	580
Structure:	C[n+]1c2ccccc2c(-c2c3ccccc3[n+](C)c3ccccc23)c2ccccc12
Name:	Janus green B
Method:	Cell Fractionation
References:	712
Structure:	CCN(CC)c1ccc2nc3ccc(cc3[n+](-c3ccccc3)c2c1)\N=N\c1ccc(cc1)N(C)C
Name:	Perfluorodecanoic acid
Method:	Pharmacological Effect
References:	4
Structure:	[O-]C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F
Name:	T669; Tetramethylrhodamine, ethyl ester, perchlorate; TMRE
Method:	Fluorescence Microscopy
References:	463
Structure:	CCOC(=O)c1ccccc1C1=C2C=CC(C=C2Oc2cc(ccc12)N(C)C)=[N+](C)C
Name:	M7512; MitoTracker® Red CMXRos
Method:	Fluorescence Microscopy
References:	50, 582
Structure:	ClCc1ccc(cc1)C1=C2C=C3CCC[N+]4=C3C(CCC4)=C2Oc2c3CCCN4CCCc(cc12)c34
Name:	M22426; MitoTracker® Deep Red 633
Method:	Fluorescence Microscopy
References:	607
Structure:	C[N+]1=C(/C=C\C=C\C=C2/N(Cc3ccc(CCl)cc3)c3ccccc3C2(C)C)C(C)(C)c2ccccc12

Name:	Protoporphyrin IX
Method:	Uptake/Binding
References:	4, 118
Structure:	Cc1c(CCC([O-])=O)c2cc3nc(cc4[nH]c(cc5[nH]c(cc1n2)c(C)c5C=C)c(C)c4C=C)c(C)c3CCC([O-])=O
Name:	Xanthomegnin
Method:	Pharmacological Effect
References:	4
Structure:	COC1=C(C(=O)c2c(O)c3C(=O)OC(C)Cc3cc2C1=O)C1=C(OC)C(=O)c2cc3CC(C)OC(=O)c3c(O)c2C1=O
Name:	Bromophenophos
Method:	Pharmacological Effect
References:	4
Structure:	Oc1cc(Br)cc(Br)c1-c1c(Br)cc(Br)cc1OP([O-])([O-])=O
Name:	D378; 3,3'-diheptyloxacarbocyanine iodide; DiOC7(3)
Method:	Fluorescence Microscopy
References:	582
Structure:	CCCCCCCN1\C(Oc2ccccc12)=C\C=C\c1oc2ccccc2[n+]1CCCCCCC
Name:	T3168; 5,5',6,6'-tetrachloro-1,1',3,3'-tetraethylbenzimidazolylcarbocyanine iodide; JC-1; CBIC2(3)
Method:	Fluorescence Microscopy
References:	52
Structure:	CCN1C(=C\C=C\c2n(CC)c3cc(Cl)c(Cl)cc3[n+]2CC)N(CC)c2cc(Cl)c(Cl)cc12
Name:	M7514; MitoTracker® Green FM
Method:	Fluorescence Microscopy
References:	154
Structure:	CN1\C(Oc2ccccc12)=C/C=C/c1n(Cc2ccc(CCl)cc2)c2cc(Cl)c(Cl)cc2[n+]1Cc1ccc(CCl)cc1
Name:	Verteporfin
Method:	Pharmacological Effect
References:	4
Structure:	COC(=O)CCc1c(C)c2cc3nc(cc4[nH]c(cc5nc(cc1[nH]2)c(CCC([O-])=O)c5C)c(C=C)c4C)C1=CC=C([C@@H](C(=O)OC)[C@@]31C)C(=O)OC
Name:	Ditercalinium
Method:	Pharmacological Effect
References:	4
Structure:	COc1ccc2[nH]c3ccc4cc[n+](CCN5CCC(CC5)C5CCN(CC5)CC[n+]5ccc6ccc7[nH]c8ccc(OC)cc8c7c6c5)cc4c3c2c1
Name:	M22425; MitoTracker® Red 580
Method:	Fluorescence Microscopy
References:	576

Structure:	CN1c2ccccc2C(C)(C)\C1=C/C=C/C=C/c1n(Cc2ccc(CCl)cc2)c2cc(Cl)c(Cl)cc2[n+]1Cc1ccc(CCl)cc1
Name:	Rhodopinal glucoside; RPA
Method:	Pharmacological Effect
References:	4
Structure:	C\C(C)=C\C=C\C(C)=C\C=C\C(C)=C\C=C\C(CO)=C\C=C\C=C(C)\C=C\C=C(C)\C=C\C=C(/C)CCCC(C)(C)OC1OC(CO)C(O)C(O)C1O
Name:	Rhod-2
Method:	Pharmacological Effect
References:	4
Structure:	CN(C)c1ccc2c(Oc3cc(ccc3C2=C2C=CC(C(OCCOc3cc(C)ccc3N(CC([O-])=O)CC([O-])=O)=C2)=[N+](CC([O-])=O)CC([O-])=O)N(C)C)c1
Name:	Rhodamine 123
Method:	Fluorescence Microscopy
References:	4
Structure:	COC(=O)c1ccccc1C1=C2C=CC(=[NH2+])C=C2Oc2cc(N)ccc12
Name:	Methylene Blue
Method:	Pharmacological Effect
References:	12
Structure:	CN(C)c1ccc2nc3ccc(cc3[s+]c2c1)N(C)C
Name:	Nefazodone
Method:	Pharmacological Effect
References:	14
Structure:	CCC1=NN(CCCN2CCN(CC2)c2cccc(Cl)c2)C(=O)N1CCOc1ccccc1
Name:	IBTP; 4-iodobutyl-tri(phenyl)phosphanium iodide
Method:	Cell Fractionation
References:	25
Structure:	ICCCC[P+](c1ccccc1)(c1ccccc1)c1ccccc1
Name:	IDTP
Method:	Cell Fractionation
References:	26
Structure:	ICCCCCCCCCC[P+](c1ccccc1)(c1ccccc1)c1ccccc1
Name:	DecylTPP
Method:	Cell Fractionation
References:	26
Structure:	CCCCCCCCCC[P+](c1ccccc1)(c1ccccc1)c1ccccc1
Name:	MitoQ; [10-(4,5-dimethoxy-2-methyl-3,6-dioxo-1,4-cyclohexadien-1-yl)decy]triphenylphosphonium bromide; Mitoquinone
Method:	Cell Fractionation

References:	25, 26
Structure:	COC1=C(OC)C(=O)C(CCCCCCCCCC[P+](c2ccccc2)(c2ccccc2)c2ccccc2)=C(C)C1=O
Name:	MitoVit E; [2-(3,4-dihydro-6-hydroxy-2,5,7,8-tetramethyl-2H-1-benzopyran-2-yl)ethyl]triphenylphosphonium bromide
Method:	Cell Fractionation
References:	25, 26
Structure:	Cc1c(C)c2OC(C)(CCc2c(C)c1O)CC[P+](c1ccccc1)(c1ccccc1)c1ccccc1
Name:	Chlortetracycline
Method:	Fluorescence Microscopy
References:	127
Structure:	C[NH+](C)C1C2CC3C(C(=O)C2(O)C(=O)\C(=C(/N)[O-])C1=O)=C([O-])c1c(O)ccc(Cl)c1C3(C)O
Name:	LCL120
Method:	Pharmacological Effect
References:	13
Structure:	CC(NC(=O)CCCCCCCCCCCCCCCC[n+]1ccccc1)C(O)c1ccccc1
Name:	LCL85
Method:	Pharmacological Effect
References:	13
Structure:	OCC(NC(=O)CCCCCCCCCCCCCCCC[n+]1ccccc1)C(O)c1ccc(cc1)N(=O)=O
Name:	1a
Method:	Fluorescence Microscopy
References:	19
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(CC2CCCCC2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(CC2CCCCC2)C(=O)NC(CCCC[NH3+])C(=O)NC(CC2CCCCC2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(CC2CCCCC2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	1b
Method:	Fluorescence Microscopy
References:	19
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(Cc2ccccc2)C(=O)NC(CCCC[NH3+])C(=O)NC(Cc2ccccc2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(Cc2ccccc2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	2a
Method:	Fluorescence Microscopy
References:	19
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(CC2CCCCC2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(CC2CCCCC2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	2b
Method:	Fluorescence Microscopy
References:	19, 251
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(Cc2ccccc2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	2c
Method:	Fluorescence Microscopy
References:	19
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(CC2CCCCC2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	2d
Method:	Fluorescence Microscopy
References:	19
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(C(c2ccccc2)c2ccccc2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	2e
Method:	Fluorescence Microscopy
References:	19
Structure:	CN1\C(Sc2ccccc12)=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCC\[NH+]=C(\N)N)C(=O)NC(Cc2cccc3ccccc23)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	2f
Method:	Fluorescence Microscopy
References:	19
Structure:	CCCCCCC(NC(=O)C(CCC\[NH+]=C(\N)N)NC(=O)C(Cc1ccccc1)NC(=O)CCCCC[n+]1ccc(\C=C2/Sc3ccccc3N2C)c2ccccc12)C(=O)NC(CCCC[NH3+])C(N)=O
Name:	2g
Method:	Fluorescence Microscopy
References:	19
Structure:	COc1ccc(CC(NC(=O)C(CCC\[NH+]=C(\N)N)NC(=O)C(Cc2ccccc2)NC(=O)CCCCC[n+]2ccc(\C=C3/Sc4ccccc4N3C)c3ccccc23)C(=O)NC(CCCC[NH3+])C([O-])=O)cc1
Name:	MitoQH2
Method:	Cell Fractionation
References:	26
Structure:	COc1c(O)c(C)c(CCCCCCCCCC[P+](c2ccccc2)(c2ccccc2)c2ccccc2)c(O)c1OC
Name:	F16
Method:	Fluorescence Microscopy
References:	29
Structure:	C[n+]1ccc(cc1)\C=C\c1c[nH]c2ccccc12
Name:	Ethyl Violet; EV+

Method:	Uptake/Binding
References:	41
Structure:	CCN(CC)c1ccc(cc1)C(c1ccc(cc1)N(CC)CC)=C1C=CC(C=C1)=[N+](CC)CC
Name:	Victoria Blue R; VBR+
Method:	Uptake/Binding
References:	41
Structure:	CCN(CC)c1ccc(C(c2ccc(cc2)N(C)C)=C2C=CC(C=C2)=[N+](C)C)c2ccccc12
Name:	Victoria Blue B; VBB+
Method:	Uptake/Binding
References:	41
Structure:	CN(C)c1ccc(cc1)C(=C1C=CC(C=C1)=[N+](C)C)c1ccc(Nc2ccccc2)c2ccccc12
Name:	Victoria Pure Blue BO; VPBBO+
Method:	Uptake/Binding
References:	41
Structure:	CCNc1ccc(C(c2ccc(cc2)N(CC)CC)=C2C=CC(C=C2)=[N+](CC)CC)c2ccccc12
Name:	MitoPeroxidase; 2-[4-(4-triphenylphosphoniobutoxy)phenyl]-1,2-benzisoselenazol)-3(2H)-one iodide
Method:	Uptake/Binding
References:	38
Structure:	O=C1N([Se]c2ccccc12)c1ccc(OCCCC[P+](c2ccccc2)(c2ccccc2)c2ccccc2)cc1
Name:	Ebselen
Method:	Uptake/Binding
References:	38
Structure:	O=C1N([Se]c2ccccc12)c1ccccc1
Name:	HMP 1c; 3,3'-[ω, ω'-alkanediylbis(oxy)[2-(hydroxylimino)methyl]-1-methylpyridinium
Method:	Uptake/Binding
References:	47
Structure:	C[n+]1cccc(OCCCCOc2ccc[n+](C)c2\C=N\[O-])c1\C=N\[O-]
Name:	HMP 1d; 3,3'-[ω, ω'-alkanediylbis(oxy)[2-(hydroxylimino)methyl]-1-methylpyridinium
Method:	Uptake/Binding
References:	47
Structure:	C[n+]1cccc(OCCCCCOc2ccc[n+](C)c2\C=N\[O-])c1\C=N\[O-]
Name:	HMP 1e; 3,3'-[ω, ω'-alkanediylbis(oxy)[2-(hydroxylimino)methyl]-1-methylpyridinium
Method:	Uptake/Binding
References:	47
Structure:	C[n+]1cccc(OCCCCCCOc2ccc[n+](C)c2\C=N\[O-])c1\C=N\[O-]
Name:	MPP+; 1-methyl-4-phenylpyridinium
Method:	Uptake/Binding
References:	49

Structure:	c1ccc(cc1)-c1ccncc1
Name:	Rhodamine 110; Rh 110
Method:	Fluorescence Microscopy
References:	64
Structure:	Nc1ccc2c(OC3=CC(=[NH2+])C=CC3=C2c2ccccc2C([O-])=O)c1
Name:	HAO; 3,6-Bis(dimethylamino)-10-hexylacridinium; acridine orange 10-hexyl bromide
Method:	Fluorescence Microscopy
References:	72
Structure:	CCCCCC[n+]1c2cc(ccc2cc2ccc(cc12)N(C)C)N(C)C
Name:	MAO; 3,6-Bis(dimethylamino)-10-methylacridinium Iodide; acridine orange 10-methyl iodide
Method:	Fluorescence Microscopy
References:	72
Structure:	CN(C)c1ccc2cc3ccc(cc3[n+](C)c2c1)N(C)C
Name:	NAO; 3,6-Bis(dimethylamino)-10-nonylacridinium bromide; acridine orange 10-nonyl bromide
Method:	Fluorescence Microscopy
References:	72
Structure:	CCCCCCCCC[n+]1c2cc(ccc2cc2ccc(cc12)N(C)C)N(C)C
Name:	Oxytetracycline; Terramycin
Method:	histo
References:	74
Structure:	C[NH+](C)C1C2C(O)C3C(C(=O)C2(O)C(=O)\C(=C(/N)[O-])C1=O)=C([O-])c1c(O)cccc1C3(C)O
Name:	Rhodamine 3B; R3B
Method:	Fluorescence Microscopy
References:	76
Structure:	CCOC(=O)c1ccccc1C1=C2C=CC(C=C2Oc2cc(ccc12)N(CC)CC)=[N+](CC)CC
Name:	DiOC2(3)
Method:	Fluorescence Microscopy
References:	76
Structure:	CCN1\C(Oc2ccccc12)=C\C=C\c1oc2ccccc2[n+]1CC
Name:	APMC (azopentylmethylindocarbocyanine)
Method:	Fluorescence Microscopy
References:	77
Structure:	CN1c2ccccc2C(C)(C)\C1=C/C=C/C1=[N+](CCCC2(C)N=N2)c2ccccc2C1(C)C
Name:	PhoCy
Method:	Fluorescence Microscopy
References:	78
Structure:	CN1c2ccc(CNc3ccc(cc3N(=O)=O)N=[N+]=[

	N-])cc2C(C)(C)\C1=C\C=C\C1=[N+](C)c2ccc(CNc3ccc(cc3N(=O)=O)N=[N+]=[N-])cc2C1(C)C
Name:	mTHPC (meso-tetrahydroxyphenylchlorin); Foscan; Temoporfin
Method:	Fluorescence Microscopy
References:	83
Structure:	Oc1cccc(c1)-c1c2CCc(n2)c(-c2cccc(O)c2)c2ccc([nH]2)c(-c2cccc(O)c2)c2ccc(n2)c(-c2cccc(O)c2)c2ccc1[nH]2
Name:	Photofrin
Method:	Fluorescence Microscopy
References:	95
Structure:	CCc1c(C)c2cc3nc(cc4nc(cc5[nH]c(cc1[nH]2)c(C)c5C(C)O)c(C)c4CCC([O-])=O)c(CCC([O-])=O)c3C
Name:	Aminolevulinic Acid
Method:	Fluorescence Microscopy
References:	95
Structure:	[NH3+]CC(=O)CCC([O-])=O
Name:	CPO
Method:	Fluorescence Microscopy
References:	99
Structure:	CC(CCO)CC(O)N(O)CCCC(NC(C)=O)C(=O)OCC\C=C\C(O)N(O)\C=C\CC1NC(=O)C(NC1=O)\C=C\CN(O)C(O)CC(C)CCO
Name:	Mesochlorin; Mce6
Method:	Fluorescence Microscopy
References:	100
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(c(CCC([O-])=O)c4C)c(CC(=O)NCC[NH3+])c4[nH]c(cc1n2)c(C)c4C([O-])=O)c(C)c3CC
Name:	EDKC; N,N'-bis(2-ethyl-1,3-dioxolane)kryptocyanine
Method:	Fluorescence Microscopy
References:	109
Structure:	C1COC(CCN2C=C/C(=C/C=C/c3cc[n+](CCC4OCCO4)c4ccccc34)c3ccccc23)O1
Name:	MBMG; Methylglyoxal-bis(guanylhydrazone)]
Method:	Pharmacological Effect
References:	126
Structure:	CC(\C=N\N=C(N)N)=N/N=C(N)N
Name:	Topotecan
Method:	Fluorescence Microscopy
References:	130
Structure:	CCC1(O)C(=O)OCC2=C1C=C1N(Cc3cc4c(C[NH+](C)C)c(O)ccc4nc13)C2=O
Name:	Demethylchlortetracycline; Demeclocycline

Method:	Fluorescence Microscopy
References:	127
Structure:	C[NH+](C)C1C2CC3C(O)c4c(Cl)ccc(O)c4C([O-])=C3C(=O)C2(O)C(=O)\C(=C(/N)[O-])C1=O
Name:	Porphyrin Derivative 4
Method:	Fluorescence Microscopy
References:	132
Structure:	CCc1c(C)c2nc1cc1[nH]c(cc3nc(cc4[nH]c(c(C)c4CC)c2-c2cc(OCc4cc(cc(c4)C(F)(F)F)C(F)(F)F)cc(OCc4cc(cc(c4)C(F)(F)F)C(F)(F)F)c2)c(C)c3CCC(=O)OC)c(CCC(=O)OC)c1C
Name:	Chlorin 30
Method:	Fluorescence Microscopy
References:	132
Structure:	CCc1c(C)c2[nH]c1cc1nc(cc3[nH]c(cc4nc(c2-c2cc(OCc5cc(cc(c5)C(F)(F)F)C(F)(F)F)cc(OCc5cc(cc(c5)C(F)(F)F)C(F)(F)F)c2)C(C)(O)C4(O)CC)c(C)c3CCC(=O)OC)c(CCC(=O)OC)c1C
Name:	Bacteriochlorin 31
Method:	Fluorescence Microscopy
References:	132
Structure:	CCc1c(C)c2[nH]c1cc1nc(cc3[nH]c(cc4nc(c2-c2cc(OCc5cc(cc(c5)C(F)(F)F)C(F)(F)F)cc(OCc5cc(cc(c5)C(F)(F)F)C(F)(F)F)c2)C(C)(O)C4(O)CC)c(C)c3CCC(=O)OC)C(O)(CCC(=O)OC)C1(C)O
Name:	6-Aminoquinoline Derivative 2
Method:	Fluorescence Microscopy
References:	137
Structure:	Cc1c(N2CCc3ccccc3C2)c(N)cc2C(=O)C(=CN(C3CC3)c12)C([O-])=O
Name:	6-Aminoquinoline Derivative 3
Method:	Fluorescence Microscopy
References:	137
Structure:	CN1C=C(C([O-])=O)C(=O)c2cc(N)c(cc12)N1CCN(CC1)c1ccccn1
Name:	DADP-a; 5,10-di[4-(N-trimethylaminophenyl)-15,20-diphenylporphyrin
Method:	Fluorescence Microscopy
References:	138
Structure:	C[N+](C)(C)c1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(cc2)[N+](C)(C)C)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	99mTc-sestamibi
Method:	Cell Fractionation
References:	144
Structure:	COC(C)(C)C[N+]#C

Name:	Fura-2
Method:	Fluorescence Microscopy
References:	168
Structure:	Cc1ccc(N(CC([O-])=O)CC([O-])=O)c(OCCOc2cc3cc(oc3cc2N(CC([O-])=O)CC([O-])=O)-c2ncc(o2)C([O-])=O)c1
Name:	Pancratistatin
Method:	Pharmacological Effect
References:	169
Structure:	OC1C(O)C(O)C2C(NC(=O)c3c(O)c4OCOc4cc23)C1O
Name:	Anthralin
Method:	Fluorescence Microscopy
References:	178
Structure:	Oc1cccc2Cc3cccc(O)c3C(=O)c12
Name:	Paclitaxel
Method:	Pharmacological Effect
References:	188
Structure:	CC(=O)OC1C(=O)C2(C)C(O)CC3OCC3(OC(C)=O)C2C(OC(=O)c2ccccc2)C2(O)CC(OC(=O)C(O)C(NC(=O)c3ccccc3)c3ccccc3)C(C)=C1C2(C)C
Name:	Gossypol
Method:	Pharmacological Effect
References:	189
Structure:	CC(C)c1c(O)c(O)c(C=O)c2c(O)c(c(C)cc12)-c1c(C)cc2c(C(C)C)c(O)c(O)c(C=O)c2c1O
Name:	Mahanine
Method:	Pharmacological Effect
References:	192
Structure:	C\C(C)=C\CCC1(C)Oc2ccc3c4ccc(O)cc4[nH]c3c2C=C1
Name:	Bacteriopurpurinimide Derivative 8
Method:	Fluorescence Microscopy
References:	212
Structure:	CCCCCCN1C(=O)C2=C(C)\C3=C\C4=N\C(=C/C5[NH2+]C(\C=C6/N=C(C(CCC(=O)OCCC)C6C)C(C1=O)=C2N3)C(C)=C5C(C)OCCC)C(C)C4CC
Name:	Bacteriopurpurinimide Derivative 9
Method:	Fluorescence Microscopy
References:	212
Structure:	CCCCCCCOC(C)C1=C(C)C2[NH2+]C1\C=C1/N=C(/C=C3NC4=C(C(=O)N(CCCCCC)C(=O)C4=C\3C)C3=N/C(=C\2)C(C)C3CCC(=O)OCCC)C(CC)C1C
Name:	Bacteriopurpurinimide Derivative 10
Method:	Fluorescence Microscopy
References:	212
Structure:	CCCCCCCCCCOC(C)C1=C(C)C2[NH2+]C1\C=C1/N=C(/C=C3NC4=C(C(=O)N(CCCCCC)C(=O)C4=C\3C)C3=N/C(=C\2)C(C)C3CCC(=O)OCCC)C(CC)C1C
Name:	XF 70
Method:	Fluorescence Microscopy
References:	215
Structure:	C[N+](C)(C)CCCOc1cccc(c1)-c1c2ccc(cc3ccc([nH]3)c(-c3cccc(OCCC[N+](C)(C)C)c3)c3ccc(cc4ccc1[nH]4)n3)n2
Name:	XF 73
Method:	Fluorescence Microscopy
References:	215
Structure:	C[N+](C)(C)CCCOc1ccc(cc1)-c1c2ccc(cc3ccc([nH]3)c(-c3ccc(OCCC[N+](C)(C)C)cc3)c3ccc(cc4ccc1[nH]4)n3)n2
Name:	Silicon (IV) Phthalocyanine; SIPc[C3H5(NMe2)2O](OMe)
Method:	Fluorescence Microscopy
References:	217, 427
Structure:	CO[Si]1(OC(CN(C)C)C[NH+](C)C)n2c3cc4nc(cc5n1c(cc1nc(cc2c2ccccc32)c2ccccc12)c1ccccc51)c1ccccc41
Name:	SS-02; Dmt-D-Arg-Phe-Lys-NH2; (Dmt[1])-DALDA
Method:	Fluorescence Microscopy
References:	31, 156
Structure:	Cc1cc(O)cc(C)c1CC([NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(Cc1ccccc1)C(=O)NC(CCCC[NH3+])C(N)=O
Name:	SS-19; Dmt-D-Arg-Phe-atnDap-NH2; (Dmt[1],atnDap[4])-DALDA
Method:	Fluorescence Microscopy
References:	31, 156
Structure:	Cc1cc(O)cc(C)c1CC([NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(Cc1ccccc1)C(=O)NC(C(N)C(=O)c1ccccc1N)C(N)=O
Name:	SS-31; D-Arg-Dmt-Lys-Phe-NH2
Method:	Fluorescence Microscopy
References:	31
Structure:	Cc1cc(O)cc(C)c1CC(NC(=O)C([NH3+])CCCNC(N)=[NH2+])C(=O)NC(CCCC[NH3+])C(=O)NC(Cc1ccccc1)C(N)=O
Name:	MitoDC-81; [4-((11aS)-7-methoxy-1,2,3,11a-tetrahydro-5H-pyrrolo[2,1-c][1,4]benzodiazepin-5-on-8-oxy)butyl] triphenylphosphonium iodide
Method:	Fluorescence Microscopy
References:	39
Structure:	COc1cc2C(=O)N3CCCC3C=Nc2cc1OCCCC[P+](c1ccccc1)(c1ccccc1)c1ccccc1

Name:	Isometamidium
Method:	Cell Fractionation
References:	205
Structure:	CC[n+]1c(-c2ccccc2)c2cc(ccc2c2ccc(N)cc12)\N=N\Nc1ccc(c1)C(N)=[NH2+]
Name:	5(6)Carboxyfluorescein-Containing Tetragunidinium Vector
Method:	Fluorescence Microscopy
References:	33
Structure:	CCCC[Si](OCC1CCN2CCC(CSCC3CCN4CCC(CSCC5CCN6CCC(CSCC7CCN8CCC(CSCCNC(=O)c9ccc%10C(=O)OC%11(c%12ccc(O)cc%12Oc%12cc(O)ccc%11%12)c%10c9)NC8=[NH+]7)NC6=[NH+]5)NC4=[NH+]3)NC2=[NH+]1)(c1ccccc1)c1ccccc1
Name:	Pyropheophorbide-a Derivative 5
Method:	Fluorescence Microscopy
References:	92
Structure:	CCCCCOC(C)C1=C(C)/C2=C/C3=N/C(C(CCC([O-])=O)C3C)=C3CC(=O)C4=C/3NC(/C=C3\N=C(\C=C\1N2)C(C)=C\3CC)=C4C
Name:	Pyropheophorbide-a Derivative 6
Method:	Fluorescence Microscopy
References:	92
Structure:	CCCCCCOC(C)C1=C(C)/C2=C/C3=N/C(C(CCC([O-])=O)C3C)=C3CC(=O)C4=C/3NC(/C=C3\N=C(\C=C\1N2)C(C)=C\3CC)=C4C
Name:	LY 219703; N-(4-azidophenylsulfonyl)-N'-(4-chlorophenyl)urea
Method:	Cell Fractionation
References:	533
Structure:	[O-]S(=O)(=NC(=O)Nc1ccc(Cl)cc1)c1ccc(cc1)N=[N+]=[N-]
Name:	LCL-30
Method:	Pharmacological Effect
References:	206
Structure:	CCCCCCCCCCCCCCCC(=O)NC(CO)C(O)\C=C\CCCCCCCCCCCCC
Name:	Bacteriochlorin Derivative 16
Method:	Fluorescence Microscopy
References:	532
Structure:	CCc1c(C)c2cc3nc(C(CCC(=O)OC)C3C)c3CC(=O)c4c(C)c(cc5nc(cc1[nH]2)C1(C)C(C(=O)OC)C(=CC=C51)C(=O)OC)[nH]c34
Name:	Bacteriochlorin Derivative 17
Method:	Fluorescence Microscopy
References:	532
Structure:	CCc1c(C)c2cc3nc(C(CCC(=O)OC)C3C)c(CC(=O)OC)c3[nH]c(cc4nc(cc1[nH]2)C1(C)C(C(=O)OC)C(=CC=C41)C(=O)OC)c(C)c3C(=O)OC
Name:	Bacteriochlorin Derivative 18
Method:	Fluorescence Microscopy
References:	532
Structure:	CCc1c(C)c2cc3nc(C(CCC(=O)OC)C3C)c(C(=O)OC)c3[nH]c(cc4nc(cc1[nH]2)C1(C)C(C(=O)OC)C(=CC=C41)C(=O)OC)c(C)c3C(=O)OC
Name:	Bacteriochlorin Derivative 19
Method:	Fluorescence Microscopy
References:	532
Structure:	CCCCCCN1C(=O)c2c3nc(cc4[nH]c(cc5nc(cc6[nH]c2c(C1=O)c6C)C1=CC=C(C(C(=O)OC)C51C)C(=O)OC)c(CC)c4C)[C@@H](C)C3CCC(=O)OC
Name:	Bacteriochlorin Derivative 20
Method:	Fluorescence Microscopy
References:	532
Structure:	CCc1c(C)c2cc3nc(C(CCC(=O)OC)C3C)c3C(=O)N(Cc4cc(cc(c4)C(F)(F)F)C(F)(F)F)C(=O)c4c(C)c(cc5nc(cc1[nH]2)C1(C)C(C(=O)OC)C(=CC=C51)C(=O)OC)[nH]c34
Name:	POR10; 5,10,15,20-tetrakis(1-decylpyridinium-4-yl)-21H.23H-porphyrin tetrabromide
Method:	Pharmacological Effect
References:	231
Structure:	CCCCCCCCCC[n+]1ccc(cc1)-c1c2ccc(n2)c(-c2cc[n+](CCCCCCCCCC)cc2)c2ccc([nH]2)c(-c2cc[n+](CCCCCCCCCC)cc2)c2ccc(n2)c(-c2cc[n+](CCCCCCCCCC)cc2)c2ccc1[nH]2
Name:	Pyridoxal 5'-Phosphate
Method:	Uptake/Binding
References:	243
Structure:	Cc1ncc(COP([O-])([O-])=O)c(C=O)c1O
Name:	DASPMI; Dimethylaminostyrylmethylpyridinium Iodine
Method:	Fluorescence Microscopy
References:	244
Structure:	CN(C)c1ccc(cc1)\C=C\c1cccc[n+]1C
Name:	Tetramethylethidium Bromide
Method:	Uptake/Binding
References:	246
Structure:	CC[n+]1c(-c2ccccc2)c2cc(N)ccc2c2c(C)c(C)c(cc12)N(C)C
Name:	Betaine B
Method:	Uptake/Binding
References:	246
Structure:	CCO[n+]1c(-

	c2ccccc2)c2cc(N)ccc2c2ccc(O)cc12
Name:	PTP1; 2-amino-5H-pyrido[3',2;5,6]thiopyrano[4,3-d]pyrimidine
Method:	Pharmacological Effect
References:	250
Structure:	Nc1ncc2CSc3ncccc3-c2n1
Name:	Cyanine Dye Conjugate 4b
Method:	Fluorescence Microscopy
References:	251
Structure:	COC(=O)CCCCC[n+]1ccc(cc1)\C=C1\Sc2cccc2N1C
Name:	Cyanine Dye Conjugate 6b
Method:	Fluorescence Microscopy
References:	251
Structure:	COC(=O)CCCCC[n+]1ccc(cc1)\C=C/C=C1\Sc2ccccc2N1C
Name:	Cyanine Dye Conjugate 7b
Method:	Fluorescence Microscopy
References:	251
Structure:	COC(=O)CCCCC[n+]1ccc(\C=C/C=C2\Sc3ccccc3N2C)c2ccccc12
Name:	Cyanine Dye Conjugate 4c
Method:	Fluorescence Microscopy
References:	251
Structure:	CN1\C(Sc2ccccc12)=C/c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(Cc2ccccc2)C(=O)NC(CCCC[NH3+])C(N)=O)cc1
Name:	Cyanine Dye Conjugate 6c
Method:	Fluorescence Microscopy
References:	251
Structure:	CN1c2ccccc2S\C1=C/C=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(Cc2ccccc2)C(=O)NC(CCCC[NH3+])C(N)=O)cc1
Name:	Cyanine Dye Conjugate 7c
Method:	Fluorescence Microscopy
References:	251
Structure:	CN1\C(Sc2ccccc12)=C/C=C\c1cc[n+](CCCCCC(=O)NC(Cc2ccccc2)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(Cc2ccccc2)C(=O)NC(CCCC[NH3+])C(N)=O)c2ccccc12
Name:	DNCTT
Method:	Pharmacological Effect
References:	252
Structure:	FC(F)(F)c1cc(c(Cl)c(c1)N(=O)=O)N(=O)=O
Name:	DDT
Method:	Pharmacological Effect
References:	253
Structure:	Clc1ccc(cc1)C(c1ccc(Cl)cc1)C(Cl)(Cl)Cl

Name:	Fusaric Acid
Method:	Pharmacological Effect
References:	254
Structure:	CCCCc1ccc(nc1)C([O-])=O
Name:	MIBG (Meta-Iodobenzylguanidine)
Method:	Pharmacological Effect
References:	262
Structure:	NC(=[NH2+])NCc1cccc(I)c1
Name:	Metoclopramide
Method:	Cell Fractionation
References:	264
Structure:	CC[NH+](CC)CCNC(=O)c1cc(Cl)c(N)cc1OC
Name:	HIPDM
Method:	Cell Fractionation
References:	265
Structure:	CN(CCC[NH+](C)C)Cc1cc(I)cc(C)c1O
Name:	Ditercalinium
Method:	Fluorescence Microscopy
References:	266
Structure:	COc1ccc2[nH]c3ccc4cc[n+](CCC[NH+]5CCC(CC5)C5CC[NH+](CCC[n+]6ccc7ccc8[nH]c9ccc(OC)cc9c8c7c6)CC5)cc4c3c2c1
Name:	Genistein
Method:	Pharmacological Effect
References:	267
Structure:	Oc1ccc(cc1)C1=COc2cc([O-])cc(O)c2C1=O
Name:	Aflatoxin B1
Method:	Pharmacological Effect
References:	268
Structure:	COc1cc2OC3OC=CC3c2c2OC(=O)C3=C(CCC3=O)c12
Name:	Rubratoxin B
Method:	Pharmacological Effect
References:	269
Structure:	CCCCCCC(O)C1C(O)C2=C(CC(CC3=C1C(=O)OC3=O)C(O)C1CC=CC(=O)O1)C(=O)OC2=O
Name:	FUdRFloxuridine
Method:	Distr.others
References:	260
Structure:	OCC1OC(CC1O)N1C=C(F)C(=O)NC1=O
Name:	Pyrrolo(2,3-h)quinolone Compound 10
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1-c1ccccc1)C=C(C(=O)N3)S(=O)(=O)c1ccccc1
Name:	Pyrrolo(2,3-h)quinolone Compound 11
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1-

	c1ccccc1)C=C(C(=O)N3)C(=O)c1ccccc1
Name:	Pyrrolo(2,3-h)quinolone Compound 12
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1-c1ccccc1)C=C(C#N)C(=O)[N-]3
Name:	Pyrrolo(2,3-h)quinolone Compound 13
Method:	Fluorescence Microscopy
References:	275
Structure:	CCOC(=O)C1=CC2=C(NC1=O)c1cc(C)n(c1CC2)-c1ccccc1
Name:	Pyrrolo(2,3-h)quinolone Compound 14
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1C)C=C(C(=O)N3)S(=O)(=O)c1ccccc1
Name:	Pyrrolo(2,3-h)quinolone Compound 15
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1C)C=C(C(=O)N3)C(=O)c1ccccc1
Name:	Pyrrolo(2,3-h)quinolone Compound 16
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1Cc1ccccc1)C=C(C(=O)N3)S(=O)(=O)c1ccccc1
Name:	Pyrrolo(2,3-h)quinolone Compound 17
Method:	Fluorescence Microscopy
References:	275
Structure:	Cc1cc2C3=C(CCc2n1Cc1ccccc1)C=C(C(=O)N3)C(=O)c1ccccc1
Name:	EPED3
Method:	Pharmacological Effect
References:	277
Structure:	C[NH+](C)CCOc1ccc2[nH]c3c(C)c4ccncc4c(C)c3c2c1
Name:	Methylene Blue Derivative
Method:	Fluorescence Microscopy
References:	283
Structure:	CCON1c2cc3[s+]c4cc5N(OCC)C(C)(C)CC(C)c5cc4nc3cc2C(C)CC1(C)C
Name:	Rhodamine 800
Method:	Uptake/Binding
References:	293
Structure:	N#CC1=C2C=C3CCC[N+]4=C3C(CCC4)=C2Oc2c3CCCN4CCCc(cc12)c34
Name:	Fluorinated Tetrapyridylporphyrin Analogue 8
Method:	Fluorescence Microscopy
References:	302
Structure:	C[n+]1cccc(c1F)-c1c2ccc(n2)c(-c2ccc[n+](C)c2F)c2ccc([nH]2)c(-c2ccc[n+](C)c2F)c2ccc(n2)c(-c2ccc[n+](C)c2F)c2ccc1[nH]2
Name:	MitP
Method:	Fluorescence Microscopy
References:	309
Structure:	CCC(C)C([NH3+])C(=O)NC(CC(N)=O)C(=O)NC(CC(C)C)C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CC(C)C)C(=O)NC(C)C(=O)NC(CCCC[NH3+])C(=O)NC(CC(C)C)C(=O)NC(C)(C)C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(C(C)CC)C(=O)NC(CC(C)C)C(N)=O
Name:	Z-Gly-RGD-f-mitP
Method:	Fluorescence Microscopy
References:	309
Structure:	CCC(C)C(NC(=O)C(Cc1ccccc1)NC(=O)C(CC([O-])=O)NC(=O)CNC(=O)C(CCCNC(N)=[NH2+])NC(=O)CNC(=O)OCc1ccccc1)C(=O)NC(CC(N)=O)C(=O)NC(CC(C)C)C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CC(C)C)C(=O)NC(C)C(=O)NC(CCCC[NH3+])C(=O)NC(CC(C)C)C(=O)NC(C)(C)C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CC(C)C)C(N)=O
Name:	Coenzyme Q9
Method:	Cell Fractionation
References:	319
Structure:	COC1=C(OC)C(=O)C(C\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CCC=C(C)C)=C(C)C1=O
Name:	Conenzyme Q10
Method:	Cell Fractionation
References:	319
Structure:	COC1=C(OC)C(=O)C(C\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CC\C=C(/C)CCC=C(C)C)=C(C)C1=O
Name:	(1"-pyrene butyl)-2-rhodamine ester
Method:	Fluorescence Microscopy
References:	324
Structure:	Nc1ccc2c(OC3=CC(=[NH2+])C=CC3=C2c2ccc(c2)C(=O)OCCCCc2ccc3ccc4cccc5ccc2c3c45)c1
Name:	Pyocyanin
Method:	Fluorescence Microscopy
References:	325
Structure:	CN1C2=CC=CC(=O)C2=Nc2ccccc12
Name:	TEMPO
Method:	Fluorescence Microscopy
References:	348
Structure:	CC(=C)c1cc(N\C(SCc2ccc(C[P+](c3ccccc3)(c

	3ccccc3)c3ccccc3)cc2)=N/C2CC(C)(C)N(O)C(C)(C)C2)ccc1C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12
Name:	5-Aminofluorescein conjugated 9-Hydroxystearic Acid
Method:	Fluorescence Microscopy
References:	329
Structure:	CCCCCCCCCC(O)CCCCCCCC(=O)Nc1ccc2c(c1)C(=O)OC21c2ccc(O)cc2Oc2cc(O)ccc12
Name:	CDS1
Method:	Fluorescence Microscopy
References:	332
Structure:	CCc1c(CC)c2cc3c(CC)c(CC)c4n3[Cu]n3c(cc1n2)c(CC)c(CC)c3c(\C=[N+](\C)C)c1nc2c(ccc42)C1(CC)CC
Name:	MTT; 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
Method:	Pharmacological Effect
References:	333
Structure:	Cc1nc(sc1C)-n1nc(n[n+]1-c1ccccc1)-c1ccccc1
Name:	2-methyl-4-dimethylaminoazobenzene
Method:	Cell Fractionation
References:	534
Structure:	CN(C)c1ccc(\N=N\c2ccccc2)c(C)c1
Name:	DMSP-Coumarin Derivative 4
Method:	Fluorescence Microscopy
References:	351
Structure:	CCCCCCCCCCCCCC\C=C\C(OC(=O)C1Cc2ccc(cc2OC1=O)N(CC)CC)C(CO)[NH+](C)C
Name:	DMSP-Coumarin Derivative 5
Method:	Fluorescence Microscopy
References:	351
Structure:	CCCCCCCCCCCCCC\C=C\C(O)C(COC(=O)C1Cc2ccc(cc2OC1=O)N(CC)CC)[NH+](C)C
Name:	MitoPY1
Method:	Fluorescence Microscopy
References:	355
Structure:	CC1(C)OB(OC1(C)C)c1ccc2c(Oc3cc(ccc3C22OC(=O)c3ccccc23)N2CC[NH+](CCCC[P+](c3ccccc3)(c3ccccc3)c3ccccc3)CC2)c1
Name:	2-Quinolinecarboxamide Derivative 6a
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1CN1CC[NH2+]CC1
Name:	2-Quinolinecarboxamide Derivative 6b
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1CN1CC[NH+](CC1)Cc1c(nc2ccccc2c1-c1ccccc1)C(=O)N(C)Cc1ccccc1

Name:	2-Quinolinecarboxamide Derivative 6c
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1CN1CCN(CC1)C(=O)Nc1ccccc1
Name:	2-Quinolinecarboxamide Derivative 6d
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1C[NH+]1CCN(CCN2C(=O)c3ccccc3C2=O)CC1
Name:	2-Quinolinecarboxamide Derivative 6e
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1C[NH+]1CCN(CCCN2C(=O)c3ccccc3C2=O)CC1
Name:	2-Quinolinecarboxamide Derivative 6f
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1CN1CC[NH+](CCCCN2C(=O)c3ccccc3C2=O)CC1
Name:	2-Quinolinecarboxamide Derivative 6j
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1C[NH+]1CCN(CCC[N+]23CCS[Re--]22(O)SCCN2C(=O)C3)CC1
Name:	2-Quinolinecarboxamide Derivative 6m
Method:	Uptake/Binding
References:	358
Structure:	CN(Cc1ccccc1)C(=O)c1nc2ccccc2c(-c2ccccc2)c1CN1CCN(CC1)C(=O)C[N+]12CCS[Re--]11(O)SCCN1C(=O)C2
Name:	N-methylated imidazopyridine-acetamide Derivative 7
Method:	Uptake/Binding
References:	359
Structure:	CN(C(=C)Cc1c(nc2c(Cl)cc(Cl)cn12)-c1ccc(Cl)cc1)c1ccccc1
Name:	SSR180575
Method:	Uptake/Binding
References:	362
Structure:	CN(C)C(=O)CC1=NN(C(=O)c2c1c1ccc(Cl)cc1n2C)c1ccccc1
Name:	Alpidem
Method:	Pharmacological Effect
References:	535
Structure:	CCCN(CCC)C(=O)Cc1c(nc2ccc(Cl)cn12)-c1ccc(Cl)cc1

Name:	DAA1097
Method:	Uptake/Binding
References:	365
Structure:	CC(C)Oc1ccccc1CN(C(C)=O)c1ccc(Cl)cc1Oc1ccccc1
Name:	DAA1106
Method:	Uptake/Binding
References:	365
Structure:	COc1ccc(OC)c(CN(C(C)=O)c2cc(F)ccc2Oc2ccccc2)c1
Name:	Pyrrolobenzoxazepine Derivative 17f
Method:	Uptake/Binding
References:	366
Structure:	CCON(OCC)C(=O)OC1=C(Oc2ccccc2-n2cccc12)c1ccccc1
Name:	Pyrrolobenzoxazepine Derivative 17j
Method:	Uptake/Binding
References:	366
Structure:	CCON(OCC)C(=O)OC1=C(Oc2ccccc2-n2cccc12)c1ccc(C)cc1
Name:	Dipyridamole
Method:	Uptake/Binding
References:	368
Structure:	CC(=O)OCCN(CCO)c1nc(N2CCCCC2)c2nc(nc(N3CCCCC3)c2n1)N(CCO)CCO
Name:	RA-25
Method:	Uptake/Binding
References:	368
Structure:	CNc1nc(NC)c2nc(NC)nc(NC)c2n1
Name:	GBLD470
Method:	Uptake/Binding
References:	370
Structure:	ClC1Nn2c(C=C1)nc(-c1ccc(cc1)-c1ccccc1)c2CNC(=O)c1ccccc1
Name:	GBLD471
Method:	Uptake/Binding
References:	370
Structure:	CC(=O)NCc1c(nc2C=CC(Cl)Nn12)-c1ccc(cc1)-c1ccccc1
Name:	GBLD696
Method:	Uptake/Binding
References:	370
Structure:	ClC1Nn2c(C=C1)nc(\C=C\c1ccccc1)c2CNC(=O)c1ccccc1
Name:	GBLD700
Method:	Uptake/Binding
References:	370
Structure:	CC(C)(C)c1ccc(cc1)-c1nc2C=CC(Cl)Nn2c1CNC(=O)c1ccccc1

Name:	GBLD703
Method:	Uptake/Binding
References:	370
Structure:	CC(C)(C)c1ccc(cc1)-c1nc2C=CC(Cl)Nn2c1CNC(=O)c1ccc(F)cc1
Name:	Imidazopyridine-7-nitrofurazan Conjugate 10
Method:	Fluorescence Microscopy
References:	373
Structure:	Clc1ccc(cc1)-c1nc2c(Cl)cc(Cl)cn2c1CC(=O)N(CCCCCCNc1ccc(c2nonc12)N(=O)=O)Cc1ccccc1
Name:	Glucoconjugated Chlorin Derivative 7
Method:	Fluorescence Microscopy
References:	405
Structure:	OC[C@H]1O[C@@H](Oc2cccc(c2)-c2c3CCc([nH]3)c(-c3cccc(O[C@@H]4O[C@H](CO)[C@@H](O)[C@@H](O)[C@H]4O)c3)c3ccc(n3)c(-c3cccc(O[C@@H]4O[C@H](CO)[C@@H](O)[C@@H](O)[C@H]4O)c3)c3ccc([nH]3)c(-c3cccc(O[C@@H]4O[C@H](CO)[C@@H](O)[C@@H](O)[C@H]4O)c3)c3ccc2n3)[C@H](O)[C@H](O)[C@@H]1O
Name:	Glucoconjugated Chlorin Derivative 9
Method:	Fluorescence Microscopy
References:	405
Structure:	OC[C@H]1O[C@@H](Oc2cccc(c2)-c2c3ccc(n3)c(-c3cccc(O[C@@H]4O[C@H](CO)[C@@H](O)[C@@H](O)[C@H]4O)c3)c3ccc([nH]3)c(-c3cccc(O[C@@H]4O[C@H](CO)[C@@H](O)[C@@H](O)[C@H]4O)c3)c3ccc(n3)c(-c3ccccc3)c3ccc2[nH]3)[C@H](O)[C@H](O)[C@@H]1O
Name:	Porphyrazine 16^0
Method:	Fluorescence Microscopy
References:	403
Structure:	CC(C)Oc1ccc(OC(C)C)c2c3nc4nc(nc5[nH]c(nc6nc(nc([nH]3)c12)c(SCCOCCOCCO)c6SCCOCCOCCO)c1c(OC(C)C)ccc(OC(C)C)c51)c(SCCOCCOCCO)c4SCCOCCOCCO
Name:	FCp6
Method:	Fluorescence Microscopy
References:	429
Structure:	CCC1=C(C)C2=NC1=CC1=C(C)C(C([O-])=O)=C(N1)C(C([O-])=O)=C1N=C(C=C3NC(=C2)C(C=O)=C3C)C(C)=C1CCC([O-])=O
Name:	Biotinylated Glyfoline
Method:	histo
References:	431

Structure:	COC1=C(OC)C(OC)=C(OC)C2C1N(C)c1c(OC)c(OCCCCNC(=O)CCCNC(=O)CCCCC3SCC4(C)NC(=O)NC34C)ccc1C2=O
Name:	Methyl Pyropheophorbide-a Derivative 7
Method:	Fluorescence Microscopy
References:	537
Structure:	CCCCCCOC(C)C1=C(C)/C2=C/C3=N/C(C(CCC(=O)OC)C3C)=C3CC(=O)C4=C/3NC(/C=C3\N=C(\C=C\1N2)C(C)=C\3CC)=C4C
Name:	Methyl Pyropheophorbide-a Derivative 8
Method:	Fluorescence Microscopy
References:	537
Structure:	CCC1=C(C)C2=N\C\1=C/C1=C(C)C3=C4N1[In](Cl)N1C(=C/C5=N/C(C(CCC(=O)OC)C5C)=C\4CC3=O)\C(C)=C(C(C)OCCOCCOCCOC)/C1=C/2
Name:	CP
Method:	Fluorescence Microscopy
References:	443
Structure:	COc1cc(OC)c(c(OC)c1)-c1c2CCc([nH]2)c(-c2ccc(cc2)[N+](C)(C)C)c2ccc(n2)c(-c2c(OC)cc(OC)cc2OC)c2ccc([nH]2)c(-c2c(OC)cc(OC)cc2OC)c2ccc1n2
Name:	Fluorinated Bacteriopurpurinimide Derivative 3
Method:	Fluorescence Microscopy
References:	444

Structure:	CCC1C(C)C2=C/C3NC(/C=C4\N=C(C(CCC(=O)OC)C4C)C4=C5NC(=C\C1=N\2)/C(C)=C5C(=O)N(Cc1cc(cc(c1)C(F)(F)F)C(F)(F)F)C4=O)C(C)=C3C(C)[NH2+]Cc1cc(cc(c1)C(F)(F)F)C(F)(F)F
Name:	Hexadecanedioic Acid
Method:	Pharmacological Effect
References:	455
Structure:	[O-]C(=O)CCCCCCCCCCCCCCCC([O-])=O
Name:	PBR Fluorescent Derivative 4
Method:	Fluorescence Microscopy
References:	471
Structure:	O=C(Cc1c([nH]c2ccccc12)-c1ccccc1)NCCCCCCNc1ccc(c2nonc12)N(=O)=O
Name:	Pi-Extended Squaraines Derivative 1b
Method:	Fluorescence Microscopy
References:	507
Structure:	COCCOCCOCn1c(ccc1C1=C([O-])\C(C1=O)=C1/C=CC(\C=N\N(C)C)=[N+]/1COCCOCCOC)\C=N\N(C)C
Name:	Toluidine blue O
Method:	Distr.others
References:	185
Structure:	CC1=CC2=C(SC3=C/C(/C=CC3=N2)=[N+](/C)C)C=C1N

Supplemental Table 3: The chemical compounds with reported subcellular localization site in the nucleus. References information is available in Supplemental Table 10. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

Name:	DAPI
Method:	Fluorescence Microscopy
References:	4
Structure:	NC(=[NH2+])c1ccc(cc1)-c1cc2ccc(cc2[nH]1)C(N)=[NH2+]
Name:	Ethidium bromide
Method:	Fluorescence Microscopy
References:	4, 163
Structure:	CC[n+]1c(-c2ccccc2)c2cc(N)ccc2c2ccc(N)cc12
Name:	E1374; Ethidium monoazide bromide; EMA
Method:	Fluorescence Microscopy
References:	600
Structure:	CC[n+]1c(-c2ccccc2)c2cc(ccc2c2ccc(N)cc12)N=[N+]=[N-]
Name:	L7595; LDS 751
Method:	Fluorescence Microscopy
References:	602
Structure:	CC[n+]1c(\C=C\C=C/c2ccc(cc2)N(C)C)ccc2cc(ccc12)N(C)C
Name:	H22845; hydroxystilbamidine, methanesulfonate
Method:	Fluorescence Microscopy
References:	603
Structure:	NC(=[NH2+])c1ccc(cc1)\C=C\c1ccc(cc1O)C(N)=[NH2+]
Name:	H1398; Pentahydrate (bis-benzimide); Hoechst 33258
Method:	Fluorescence Microscopy
References:	147
Structure:	C[NH+]1CCN(CC1)c1ccc2nc([nH]c2c1)-c1ccc2[nH]c(nc2c1)-c1ccc(O)cc1
Name:	H21486; Hoechst 34580
Method:	Fluorescence Microscopy
References:	658
Structure:	CN(C)c1ccc(cc1)-c1nc2cc(ccc2[nH]1)-c1nc2ccc(cc2[nH]1)N1CC[NH+](C)CC1
Name:	H1399; trihydrochloride, trihydrate; Hoechst 33342
Method:	Fluorescence Microscopy
References:	630
Structure:	CCOc1ccc(cc1)-c1nc2cc(ccc2[nH]1)-c1nc2ccc(cc2[nH]1)N1CC[NH+](C)CC1
Name:	P3581; PO-PRO™ 1 iodide (435/455)
Method:	Fluorescence Microscopy
References:	631
Structure:	C[n+]1c(C=C2C=CN(CCC[N+](C)(C)C)C=C2)oc2ccccc12
Name:	N21485; Hoechst S769121, trihydrochloride, trihydrate; Nuclear yellow
Method:	Fluorescence Microscopy
References:	670
Structure:	C[NH+]1CCN(CC1)c1ccc2nc([nH]c2c1)-c1ccc2[nH]c(nc2c1)-c1ccc(cc1)S(N)(=O)=O
Name:	P3585; PO-PRO™-3 iodide (539/567)
Method:	NA
References:	Invi
Structure:	C[n+]1c(\C=C\C=C2C=CN(CCC[N+](C)(C)C)C=C2)oc2ccccc12
Name:	Y3603; YO-PRO®-1 iodide (491/509)
Method:	Fluorescence Microscopy

References:	71
Structure:	C[n+]1c(oc2ccccc12)\C=C1\C=CN(CCC[N+](C)(C)C)c2ccccc12
Name:	T3602; TO-PRO®-1 iodide (515/531)
Method:	Fluorescence Microscopy
References:	684
Structure:	C[n+]1c(sc2ccccc12)\C=C1/C=CN(CCC[N+](C)(C)C)c2ccccc12
Name:	Y3607; YO-PRO®-3 iodide (612/631)
Method:	Fluorescence Microscopy
References:	608
Structure:	C[n+]1c(\C=C/C=C2/C=CN(CCC[N+](C)(C)C)c3ccccc23)oc2ccccc12
Name:	P1304MP; Propidium Iodide
Method:	Fluorescence Microscopy
References:	71
Structure:	CC[N+](C)(CC)CCC[n+]1c(-c2ccccc2)c2cc(N)ccc2c2ccc(N)cc12
Name:	T3605; TO-PRO®-3 iodide (642/661)
Method:	Fluorescence Microscopy
References:	71
Structure:	C[n+]1c(\C=C\C=C2/C=CN(CCC[N+](C)(C)C)c3ccccc23)sc2ccccc12
Name:	A666; Bis-(6-chloro-2-methoxy-9-acridinyl) spermine; Acridine homodimer
Method:	Fluorescence Microscopy
References:	723
Structure:	COc1ccc2[nH+]c3cc(Cl)ccc3c(NCCC[NH2+]CCCC[NH2+]CCCNc3c4ccc(Cl)cc4[nH+]c4ccc(OC)cc34)c2c1
Name:	T7596; TO-PRO®-5 iodide (745/770)
Method:	Uptake/Binding
References:	635
Structure:	C[n+]1c(\C=C\C=C/C=C2\C=CN(CCC[N+](C)(C)C)c3ccccc23)sc2ccccc12
Name:	E1169; Ethidium homodimer-1; EthD-1
Method:	Fluorescence Microscopy
References:	613
Structure:	Nc1ccc2c(c1)c(-c1ccccc1)[n+](CCCNCC[NH2+]CCC[n+]1c(-c3ccccc3)c3cc(N)ccc3c3ccc(N)cc13)c1cc(N)ccc21
Name:	P3580; POPO™ 1 iodide (434/456)
Method:	Uptake/Binding
References:	650
Structure:	C[n+]1c(C=C2C=CN(CCC[N+](C)(C)CCC[N+](C)(C)CCCN3C=CC(C=C3)=Cc3oc4ccccc4[n+]3C)C=C2)oc2ccccc12
Name:	B3586; BOBO™3 iodide (570/602)
Method:	Fluorescence Microscopy
References:	651

Structure:	C[n+]1c(\C=C\C=C2C=CN(CCC[N+](C)(C)CCC[N+](C)(C)CCCN3C=CC(C=C3)=C/C=C\c3sc4ccccc4[n+]3C)C=C2)sc2ccccc12
Name:	A7592; Actinomycin D
Method:	Distr.others
References:	620
Structure:	CC(C)C1NC(=O)C(NC(=O)c2ccc(C)c3OC4=C(C)C(=O)C(N)=C(C(=O)NC5C(C)OC(=O)C(C(C)C)N(C)C(=O)CN(C)C(=O)C6CCCN6C(=O)C(NC5=O)C(C)C)C4=Nc23)C(C)OC(=O)C(C(C)C)N(C)C(=O)CN(C)C(=O)C2CCCN2C1=O
Name:	A1310; 7-aminoactinomycin D; 7-AAD
Method:	Uptake/Binding
References:	621
Structure:	CC(C)C1NC(=O)C(NC(=O)c2cc(N)c(C)c3OC4=C(C)C(=O)C(N)=C(C(=O)NC5C(C)OC(=O)C(C(C)C)N(C)C(=O)CN(C)C(=O)C6CCCN6C(=O)C(NC5=O)C(C)C)C4=Nc23)C(C)OC(=O)C(C(C)C)N(C)C(=O)CN(C)C(=O)C2CCCN2C1=O
Name:	Y3601; YOYO®-1 iodide (491/509)
Method:	Fluorescence Microscopy
References:	608
Structure:	C[n+]1c(oc2ccccc12)\C=C1\C=CN(CCC[N+](C)(C)CCC[N+](C)(C)CCCN2C=C/C(=C\c3oc4ccccc4[n+]3C)c3ccccc23)c2ccccc12
Name:	E3599; Ethidium homodimer-2; EthD-2
Method:	Fluorescence Microscopy
References:	680
Structure:	C[N+](C)(CCC[n+]1c(-c2ccccc2)c2cc(N)ccc2c2ccc(N)cc12)CCC[N+](C)(C)CCC[n+]1c(-c2ccccc2)c2cc(N)ccc2c2ccc(N)cc12
Name:	T3600; TOTO®-1 iodide (514/533)
Method:	Fluorescence Microscopy
References:	681
Structure:	C[n+]1c(sc2ccccc12)\C=C1\C=CN(CCC[N+](C)(C)CCC[N+](C)(C)CCCN2C=C/C(=C\c3sc4ccccc4[n+]3C)c3ccccc23)c2ccccc12
Name:	Y3606; YOYO®-3 iodide (612/631)
Method:	Uptake/Binding
References:	622
Structure:	C[n+]1c(\C=C/C=C2/C=CN(CCC[N+](C)(C)CCC[N+](C)(C)CCCN3C=C/C(=C/C=C\c4oc5ccccc5[n+]4C)c4ccccc34)c3ccccc23)oc2ccccc12
Name:	T3604; TOTO®-3 iodide (642/660)
Method:	Fluorescence Microscopy
References:	71
Structure:	C[n+]1c(\C=C/C=C2/C=CN(CCC[N+](C)(C)CCC[N+](C)(C)CCCN3C=C/C(=C\C=C/c4sc5ccccc5[n+]4C)c4ccccc34)c3ccccc23)sc2ccccc12
Name:	Adriamycin; Doxorubicin

Method:	Fluorescence Microscopy/Cell Fractionation
References:	17, 729
Structure:	COc1cccc2C(=O)c3c(O)c4CC(O)(CC(OC5CC([NH3+])C(O)C(C)O5)c4c(O)c3C(=O)c12)C(=O)CO
Name:	Acriflavine
Method:	Fluorescence Microscopy
References:	127
Structure:	C[n+]1c2cc(N)ccc2cc2ccc(N)cc12
Name:	Hydroethidine
Method:	Fluorescence Microscopy
References:	57
Structure:	CCC1C(c2ccccc2)c2cc(N)ccc2-c2cncc(N)c12
Name:	Tetracycline
Method:	histo
References:	58
Structure:	C[NH+](C)C1C2CC3C(C(=O)C2(O)C(=O)\C(C1=O)=C(\N)[O-])=C([O-])c1c(O)cccc1C3(C)O
Name:	Chromomycin A3
Method:	Fluorescence Microscopy
References:	69
Structure:	COC1C(O)CC(OC1C)OC1CC(OC(C)C1OC(C)=O)Oc1cc2cc3CC(C(OC)C(=O)C(O)C(C)O)C(OC4CC(OC5CC(OC6CC(C)(O)C(OC(C)=O)C(C)O6)C(O)C(C)O5)C(O)C(C)O4)C(=O)c3c(O)c2c(O)c1C
Name:	SYBR Green I
Method:	Fluorescence Microscopy
References:	71
Structure:	CCCN(CCC[NH+](C)C)C1=C/C(=C/c2sc3ccccc3[n+]2C)c2ccccc2N1c1ccccc1
Name:	Cyan 40; 4-((1-methylbenzothiazolylliliden-2)methyl)-1,2,6-trimethylpyridinium perchlorate
Method:	Fluorescence Microscopy
References:	81
Structure:	CN1C(C)=CC(C=C1C)=Cc1sc2ccccc2[n+]1C
Name:	AN-152; Lys(6)-LHRH-doxorubicin
Method:	Fluorescence Microscopy
References:	104
Structure:	COc1cccc2C(=O)c3c(O)c4CC(O)(CC(OC5CC(NC(=O)CCCC(=O)NCCCCC(NC(=O)C(Cc6ccc(O)cc6)NC(=O)C(CO)NC(=O)C(Cc6c[nH]c7ccccc67)NC(=O)C(Cc6ncc[nH]6)NC(=O)C6CCC(=O)N6)C(=O)NC(CC(C)C)C(=O)NC(CCCNC(N)=[NH2+])C(=O)N6CCCC6C(=O)NCC(N)=O)C(O)C(C)O5)c4c(O)c3C(=O)c12)C(=O)CO
Name:	E36
Method:	Fluorescence Microscopy
References:	115
Structure:	C[n+]1c(\C=C\c2c[nH]c3ccccc23)ccc2ccccc12

Name:	E144
Method:	Fluorescence Microscopy
References:	115
Structure:	COc1cc(OC)c(\C=C\c2ccc3ccccc3[n+]2C)c(OC)c1
Name:	F22
Method:	Fluorescence Microscopy
References:	115
Structure:	COc1ccc2[n+](C)c(\C=C\c3ccc(cc3)N(C)C)ccc2c1
Name:	2'-O-Methyl
Method:	Fluorescence Microscopy
References:	128
Structure:	BC1OC(COC)C(OP([O-])(=O)OCC2OC(B)C(OC)C2OP(C)([O-])=O)C1OC
Name:	PBD Derivative 11; 7-Diethylaminocoumarin pyrrolobenzodiazepine derivative 11
Method:	Fluorescence Microscopy
References:	136
Structure:	CCN(CC)c1ccc2C=C(C(=O)NCCCOc3cc4N=CC5CCCN5C(=O)c4cc3OC)C(=O)Oc2c1
Name:	DRAQ5
Method:	Fluorescence Microscopy
References:	147
Structure:	C[NH+](C)CCNc1ccc(O)c2C(=O)c3c(NCC[NH+](C)C)ccc(O)c3C(=O)c12
Name:	Morin; 3,5,7,2',4'-pentahydroxyflavanol
Method:	Fluorescence Microscopy
References:	148
Structure:	Oc1cc(O)cc(c1)C1=C([O-])C(=O)c2c(O)cc(O)cc2O1
Name:	Mithramycin
Method:	Fluorescence Microscopy
References:	149
Structure:	COC(C1Cc2cc3cc(OC4CC(OC5CC(O)C(O)C(C)O5)C(O)C(C)O4)c(C)c(O)c3c(O)c2C(=O)C1OC1CC(OC2CC(OC3CC(C)(O)C(O)C(C)O3)C(O)C(C)O2)C(O)C(C)O1)C(=O)C(O)C(C)O
Name:	Polyamide 1
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=O)CCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)c[nH]1)CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12
Name:	Polyamide 3
Method:	Fluorescence Microscopy
References:	159

Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4nc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 5
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 6
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5nc(NC(=O)c6cc(NC(=O)c7cc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 11
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4nc(NC(=O)C([NH3+])CCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 12
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4nc(NC(=O)[C@H](CCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)NC(C)=O)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 13
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3nc(NC(=O)c4cc(NC(=O)[C@H](CCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7cc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)NC(C)=O)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 14
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3nc(NC(=O)c4cc(NC(=O)C(CCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)NC(C)=O)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide 22
Method:	Fluorescence Microscopy
References:	159
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)CCCNC(=O)c4cc(NC(=O)c5cc(NC(=O)c6nccn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Olivomycin
Method:	Fluorescence Microscopy
References:	164
Structure:	COC1C(O)CC(OC1C)OC1CC(OC(C)C1OC(C)=O)Oc1cc(O)c2c(O)c3C(=O)C(OC4CC(OC5CC(OC6CC(C)(O)C(OC(=O)C(C)C)C(C)O6)C(O)C(C)O5)C(O)C(C)O4)C(Cc3cc2c1)C(OC)C(=O)C(O)C(C)O
Name:	Flunitrazepam
Method:	Fluorescence Microscopy
References:	172
Structure:	CN1C(=O)CN=C(c2ccccc2F)c2cc(ccc12)N(=O)=O
Name:	BODIPY-labeled Polyamide 2
Method:	Fluorescence Microscopy
References:	176
Structure:	C[NH+](CCCNC(=O)CCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C)CCCNC(=S)Nc1ccc(C2c3ccc(O)cc3Oc3cc(O)ccc23)c(c1)C([O-])=O
Name:	Uracil Mustard
Method:	Cell Fractionation
References:	180
Structure:	ClCCN(CCCl)C1=CNC(=O)NC1=O
Name:	M-223; 10(2-diethylaminoethyl)-9-acridone
Method:	Fluorescence Microscopy
References:	173
Structure:	CC[NH+](CC)CCN1c2ccccc2C(=O)c2ccccc12
Name:	RB2Z; Dibenzo[h,j]dipyrido[3,2-a2',3'-c]phenazine)bis(2,2'-bipyridine)ruthenium(II) dication
Method:	Fluorescence Microscopy
References:	82
Structure:	c1ccc(nc1)-c1ccccn1
Name:	PicoGreen; [2-[N-bis-(3-dimethylaminopropyl)-amino]-4-[2,3-dihydro-3-methyl-(benzo-1,3-thiazol-2-yl)-methylidene]-1-phenyl-

	quinolinium]+
Method:	Fluorescence Microscopy
References:	542
Structure:	C[NH+](C)CCCN(CCC[NH+](C)C)C1=C/C(=C/c2sc3ccccc3[n+]2C)c2ccccc2N1c1ccccc1
Name:	Mitoxantrone
Method:	Fluorescence Microscopy
References:	235
Structure:	OCC[NH2+]CCNc1ccc(NCC[NH2+]CCO)c2C(=O)c3c(O)ccc(O)c3C(=O)c12
Name:	Pirarubicin
Method:	Fluorescence Microscopy
References:	236
Structure:	COc1cccc2C(=O)c3c(O)c4CC(O)(CC(OC5CC([NH3+])C(OC6CCCCO6)C(C)O5)c4c(O)c3C(=O)c12)C(=O)CO
Name:	Cascade Blue Derivative 2
Method:	Fluorescence Microscopy
References:	272
Structure:	[O-]C(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 3
Method:	Fluorescence Microscopy
References:	272
Structure:	[NH3+]CCNC(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 4
Method:	Fluorescence Microscopy
References:	272
Structure:	[NH3+]CCCCCCNC(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 10
Method:	Fluorescence Microscopy
References:	272
Structure:	OCCNC(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 11
Method:	Fluorescence Microscopy
References:	272
Structure:	NNC(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 14
Method:	Fluorescence Microscopy
References:	272
Structure:	CC(C)(C)OC(=O)N1CCCC1C(=O)NCCNC(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 15
Method:	Fluorescence Microscopy

References:	272
Structure:	CC(C)(C)OC(=O)N1CCCC1C(=O)NCCCCCCNC(=O)COc1cc(c2CC=C3C(C=C(c4ccc1c2c34)S([O-])=O)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 16
Method:	Fluorescence Microscopy
References:	272
Structure:	[O-]S(=O)C1C=C(c2ccc3c(OCC(=O)NCCCCCCC#N)cc(c4CC=C1c2c34)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 19
Method:	Fluorescence Microscopy
References:	272
Structure:	[O-]S(=O)C1C=C(c2ccc3c(OCC(=O)NCCCCCCCNC(=O)C=C)cc(c4CC=C1c2c34)S([O-])=O)S([O-])=O
Name:	Cascade Blue Derivative 20
Method:	Fluorescence Microscopy
References:	272
Structure:	[O-]S(=O)C1C=C(c2ccc3c(OCC(=O)NCCCCCCCNC(=O)c4ccc(cc4)N=[N+]=[N-])cc(c4CC=C1c2c34)S([O-])=O)S([O-])=O
Name:	BUdR; Broxuridine; 5-Bromo-2'-deoxyuridine
Method:	Distr.others
References:	260
Structure:	OCC1OC(CC1O)N1C=C(Br)C(=O)NC1=O
Name:	F3TdR; Trifluridine; 5-trifluorothymidine
Method:	Distr.others
References:	260
Structure:	OCC1OC(CC1O)N1C=C(C(=O)NC1=O)C(F)(F)F
Name:	Daunorubicin Analogue 1
Method:	Fluorescence Microscopy
References:	261
Structure:	COc1cccc2C(=O)c3c(O)c4CC(O)(CC(OC5CC([NH2+]CC(C)=O)C(O)C(C)O5)c4c(O)c3C(=O)c12)C(C)=O
Name:	Lycopene
Method:	Cell Fractionation
References:	278
Structure:	CC(C)=CCC\C(C)=C\C=C\C(C)=C\C=C\C(C)=C\C=C\C=C(C)\C=C\C=C(C)\C=C\C=C(/C)CCC=C(C)C
Name:	BBR 3422
Method:	Cell Fractionation
References:	312
Structure:	C[NH2+]CCNc1ccc2n(CC[NH3+])nc3-c4cnccc4C(=O)c1c23
Name:	Cisplatin

Method:	Cell Fractionation
References:	316
Structure:	Cl[Pt++]Cl
Name:	DB75; Furamidine
Method:	Fluorescence Microscopy
References:	327
Structure:	N[C+](N)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[C+](N)N
Name:	DB181
Method:	Fluorescence Microscopy
References:	327
Structure:	CC(C)N[C+](N)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[C+](N)NC(C)C
Name:	DB226
Method:	Fluorescence Microscopy
References:	327
Structure:	CCC(CC)N[C+](N)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[C+](N)NC(CC)CC
Name:	DB244
Method:	Fluorescence Microscopy
References:	327
Structure:	N[C+](NC1CCCC1)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[C+](N)NC1CCCC1
Name:	DB249
Method:	Fluorescence Microscopy
References:	327
Structure:	N[C+](NC1CCCCC1)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[C+](N)NC1CCCCC1
Name:	DB417
Method:	Fluorescence Microscopy
References:	327
Structure:	CN[C+](N)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[C+](N)NC
Name:	DB569
Method:	Fluorescence Microscopy
References:	327
Structure:	NC(=[NH+]c1ccccc1)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)C(N)=[NH+]c1ccccc1
Name:	DB673
Method:	Fluorescence Microscopy
References:	327
Structure:	NC(N)=[NH+]c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)[NH+]=C(N)N
Name:	NT2
Method:	Fluorescence Microscopy
References:	332
Structure:	CCCOC(=O)C1=Cc2c3nc(cc4[nH]c(cc5nc(cc6[nH]c2c(CC)c6CC)c(CC)c5CC)c(CC)c4CC)C(CC)C13CC
Name:	4-dimethylaminoazobenzene

Method:	Cell Fractionation
References:	534
Structure:	CN(C)c1ccc(cc1)\N=N\c1ccccc1
Name:	Zinc Benzochlorin
Method:	Fluorescence Microscopy
References:	357
Structure:	CCC1=C(CC)C2N3[Zn]N4C(=C\C5=N\C(=C/C13)\C(CC)=C5CC)/C(CC)=C(CC)\C4=C1/C=CC=C3C/1=N\C(=C2\C=[N+](\C)C)C3(CC)CC
Name:	Porphyrin-Ruthenium
Method:	Fluorescence Microscopy
References:	372
Structure:	COc1cc(ccc1O)-c1c2ccc(n2)c(-c2cc[n+](cc2)[Ru-5]234(Cl)[n+]5ccccc5-c5cccc[n+]25)c2ccc([nH]2)c(-c2ccc(O)c(OC)c2)c2ccc(n2)c(-c2ccc(O)c(OC)c2)c2ccc1[nH]2.c1cc[n+]3c(c1)-c1cccc[n+]41
Name:	ZnPcBr8
Method:	Fluorescence Microscopy
References:	376
Structure:	BrCc1cc2c3nc4[n+]5c(nc6n7c(nc8[n+]9c(nc(n3[Zn--]579)c2cc1CBr)c1cc(CBr)c(CBr)cc81)c1cc(CBr)c(CBr)cc61)c1cc(CBr)c(CBr)cc41
Name:	ß-Carboline Derivative A
Method:	Fluorescence Microscopy
References:	424
Structure:	CCn1c2ccccc2c2cc(nc(C)c12)C(=O)NCC[NH3+]
Name:	ß-Carboline Derivative B
Method:	Fluorescence Microscopy
References:	424
Structure:	CCCCn1c2ccccc2c2cc(nc(C)c12)C(=O)NCC[NH3+]
Name:	ß-Carboline Derivative C
Method:	Fluorescence Microscopy
References:	424
Structure:	Cc1nc(cc2c3ccccc3n(Cc3ccccc3)c12)C(=O)NCC[NH3+]
Name:	ß-Carboline Derivative D
Method:	Fluorescence Microscopy
References:	424
Structure:	CCn1c2ccccc2c2cc(nc(C)c12)C(=O)NCCCCCCNC(=O)c1cc2c3ccccc3n(CC)c2c(C)n1
Name:	ß-Carboline Derivative E
Method:	Fluorescence Microscopy
References:	424
Structure:	Cc1nc(cc2c3ccccc3n(Cc3ccccc3)c12)C(=O)NCCNC(=O)c1cc2c3ccccc3n(Cc3ccccc3)c2c(C)n1
Name:	Sanguinarine

Method:	Fluorescence Microscopy
References:	437
Structure:	C[n+]1cc2c(OO)c(OO)ccc2c2ccc3cc(OCO)c(OCO)cc3c12
Name:	Chelerythrine
Method:	Fluorescence Microscopy
References:	437
Structure:	COc1ccc2c(c[n+](C)c3c4cc(OCO)c(OCO)cc4ccc23)c1OC
Name:	Sanguirubine
Method:	Fluorescence Microscopy
References:	437
Structure:	COc1cc2ccc3c4c(OC)cc(OO)c(OO)c4c[n+](C)c3c2cc1OC
Name:	Chelirubine
Method:	Fluorescence Microscopy
References:	437
Structure:	COc1cc(OO)c(OO)c2c[n+](C)c3c4cc(OCO)c(OCO)cc4ccc3c12
Name:	Macarpine
Method:	Fluorescence Microscopy
References:	437
Structure:	COc1cc2c3c(OC)cc(OO)c(OO)c3c[n+](C)c2c2cc(OCO)c(OCO)cc12
Name:	DB293
Method:	Fluorescence Microscopy
References:	472
Structure:	NC(=[NH2+])c1ccc(cc1)-c1ccc(o1)-c1nc2ccc(cc2[nH]1)C(N)=[NH2+]
Name:	DB60
Method:	Fluorescence Microscopy
References:	472
Structure:	C1C[NH+]=C(N1)c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)C1=[NH+]CCN1
Name:	DB302
Method:	Fluorescence Microscopy
References:	472
Structure:	C1C[NH+]=C(N1)c1ccc(cc1)-c1ccc(o1)-c1nc2ccc(cc2[nH]1)C1=[NH+]CCN1
Name:	DB501
Method:	Fluorescence Microscopy
References:	472
Structure:	Nc1ccc(cc1)-c1ccc(o1)-c1nc2ccc(cc2[nH]1)C(N)=[NH2+]
Name:	DB182
Method:	Fluorescence Microscopy
References:	472
Structure:	C[NH+](C)CCCNC(=[NH2+])c1ccc(cc1)-c1ccc(o1)-c1ccc(cc1)C(=[NH2+])NCCC[NH+](C)C

Name:	DB340
Method:	Fluorescence Microscopy
References:	472
Structure:	C[NH+](C)CCCNC(=[NH2+])c1ccc(cc1)-c1ccc(o1)-c1nc2ccc(cc2[nH]1)C(=[NH2+])NCCC[NH+](C)C
Name:	Hoechst 33377 (H1)
Method:	Fluorescence Microscopy
References:	475
Structure:	CN1CC[NH+](CC1)C1CCC2[NH+]=C(NC2C1)c1ccc2NC(Nc2c1)c1ccc(Oc2ccccc2)cc1
Name:	Hoechst 33342 (H20)
Method:	Fluorescence Microscopy
References:	475
Structure:	CCOc1ccc(cc1)C1Nc2ccc(cc2N1)C1=[NH+]C2CCC(CC2N1)[NH+]1CCN(C)CC1
Name:	pEB
Method:	Cell Fractionation
References:	477
Structure:	CCCC1C(O)C(C)CCCC2(C)OC2CC(OC(=O)CC(O)C(C)(C)C1=O)C(\C)=C\c1csc(C)n1
Name:	pED
Method:	Cell Fractionation
References:	477
Structure:	CCCC1C(O)C(C)CCC\C(C)=C/CC(OC(=O)CC(O)C(C)(C)C1=O)C(\C)=C\c1csc(C)n1
Name:	BNIPSpd
Method:	Fluorescence Microscopy
References:	479
Structure:	O=C1N(CCC[NH2+]CCCC[NH2+]CCC[NH2+]CCCN2C(=O)c3cccc4cccc(C2=O)c34)C(=O)c2cccc3cccc1c23
Name:	BNIPSpm
Method:	Fluorescence Microscopy
References:	479
Structure:	O=C1N(CCC[NH2+]CCC[NH2+]CCCC[NH2+]CCC[NH2+]CCCN2C(=O)c3cccc4cccc(C2=O)c34)C(=O)c2cccc3cccc1c23
Name:	BNIPOSpm
Method:	Fluorescence Microscopy
References:	479
Structure:	O=C1N(OCCC[NH2+]CCC[NH2+]CCCC[NH2+]CCC[NH2+]CCCON2C(=O)c3cccc4cccc(C2=O)c34)C(=O)c2cccc3cccc1c23
Name:	Pyrrolobenzodiazepine- Poly(N-methylpyrrole) Conjugate 50a
Method:	Fluorescence Microscopy
References:	481
Structure:	COC(=O)c1cc(NC(=O)CCCOc2cc3N=CC4CCCN4C(=O)c3cc2OC)cn1C

Name:	Pyrrolobenzodiazepine- Poly(N-methylpyrrole) Conjugate 50b
Method:	Fluorescence Microscopy
References:	481
Structure:	COC(=O)c1cc(NC(=O)c2cc(NC(=O)CCCOc3cc4N=CC5CCCN5C(=O)c4cc3OC)cn2C)cn1C
Name:	Pyrrolobenzodiazepine- Poly(N-methylpyrrole) Conjugate 50c
Method:	Fluorescence Microscopy
References:	481
Structure:	COC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)CCCOc4cc5N=CC6CCCN6C(=O)c5cc4OC)cn3C)cn2C)cn1C
Name:	Polyamide-FITC Conjugate 1
Method:	Fluorescence Microscopy
References:	486
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3nc(NC(=O)c4cc(NC(=O)C([NH3+])CCNC(=O)c5nc(NC(=O)c6cc(NC(=O)c7cc(NC(=O)c8sccc8Cl)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide-FITC Conjugate 2
Method:	Fluorescence Microscopy
References:	486
Structure:	C[NH+](CCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)CCCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4nc(NC(=O)C([NH3+])CCNC(=O)c5nc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	TP-2py
Method:	Fluorescence Microscopy
References:	503
Structure:	C[n+]1ccc(\C=C\c2ccc(cc2)N(c2ccccc2)c2ccc(cc2)\C=C\c2cc[n+](C)cc2)cc1
Name:	TP-3py
Method:	Fluorescence Microscopy
References:	503
Structure:	C[n+]1ccc(cc1)\C=C\c1ccc(cc1)N(c1ccc(cc1)\C=C\c1cc[n+](C)cc1)c1ccc(cc1)\C=C\c1cc[n+](C)cc1
Name:	Daunorubicin
Method:	Fluorescence Microscopy
References:	261
Structure:	COc1cccc2C(=O)c3c(O)c4CC(O)(CC(OC5CC([NH3+])C(O)C(C)O5)c4c(O)c3C(=O)c12)C(C)=O
Name:	Levofloxacin
Method:	Cell Fractionation
References:	241
Structure:	C[C@H]1COC2=C3N1C=C(C([O-])=O)C(=O)C3=CC(F)=C2N1CCN(C)CC1

Supplemental Table 4: The chemical compounds with reported subcellular localization site in the plasma membrane. References information is available in Supplemental Table 10. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

Name:	D202; 1,6-diphenyl-1,3,5-hexatrieneDPH
Method:	Fluorescence Microscopy
References:	589, 700, 701
Structure:	c1ccc(cc1)\C=C\C=C\C=C\c1ccccc1
Name:	D3921; 4,4-difluoro-1,3,5,7-tetramethyl-4-bora-3a,4a-diaza-s-indacene; BODIPY® 505/515
Method:	Fluorescence Microscopy
References:	590
Structure:	CC1=CC(C)=[N+]2C1=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	D3923; 4-(dicyanovinyl)julolidine; DCVJ
Method:	Fluorescence Microscopy
References:	591
Structure:	N#CC(=Cc1cc2CCCN3CCCc(c1)c23)C#N
Name:	P36005; Cis-parinaric acid
Method:	Fluorescence Microscopy
References:	592, 702
Structure:	CC\C=C\C=C\C=C\C=C\C=C/CCCCCCCC([O-])=O
Name:	A47; 1-anilinonaphthalene-8-sulfonic acid1,8-ANS
Method:	Uptake/Binding
References:	662
Structure:	[O-]S(=O)(=O)c1cccc2cccc(Nc3ccccc3)c12
Name:	A50; 2-anilinonaphthalene-6-sulfonic acid; 2,6-ANS
Method:	Uptake/Binding
References:	662

Structure:	[O-]S(=O)(=O)c1ccc2cc(Nc3ccccc3)ccc2c1
Name:	D383; 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-pentanoic acid; BODIPY® FL C5
Method:	Fluorescence Microscopy
References:	668
Structure:	Cc1cc(C)n2c1C=C1C=CC(CCCCC([O-])=O)=[N+]1[B-]2(F)F
Name:	T53; 2-(p-toluidinyl)naphthalene-6- sulfonic acid, sodium salt; 2,6-TNS
Method:	Fluorescence Microscopy
References:	623
Structure:	Cc1ccc(Nc2ccc3cc(ccc3c2)S([O-])(=O)=O)cc1
Name:	D250; 6-dodecanoyl-2-dimethylaminonaphthalene; Laurdan
Method:	Fluorescence Microscopy
References:	595
Structure:	CCCCCCCCCCCC(=O)c1ccc2cc(ccc2c1)N(C)C
Name:	P31; 1-pyrenedecanoic acid
Method:	NA
References:	Invi
Structure:	[O-]C(=O)CCCCCCCCCc1ccc2ccc3cccc4ccc1c2c34
Name:	N678; 12-(N-(7-nitrobenz-2-oxa-1,3- diazol-4-yl)amino)dodecanoic acid

Method:	NA
References:	Invi
Structure:	[O-]C(=O)CCCCCCCCCCCNc1ccc(c2nonc12)N(=O)=O
Name:	P96;1-pyrenedodecanoic acid
Method:	Fluorescence Microscopy
References:	653
Structure:	[O-]C(=O)CCCCCCCCCCCc1ccc2ccc3cccc4ccc1c2c34
Name:	H22730; 4-heptadecyl-7-hydroxycoumarin
Method:	Fluorescence Microscopy
References:	626
Structure:	CCCCCCCCCCCCCCCCCC1=CC(=O)Oc2cc(O)ccc12
Name:	B3824; 5-butyl-4,4-difluoro-4-bora-3a,4a-diaza-s-indacene-3-nonanoic acid; BODIPY® 500/510 C4, C9
Method:	Fluorescence Microscopy
References:	627, 721
Structure:	CCCCc1ccc2C=C3C=CC(CCCCCCCCC([O-])=O)=[N+]3[B-](F)(F)n12
Name:	D3823; 4,4-difluoro-5-methyl-4-bora-3a,4a-diaza-s-indacene-3-dodecanoic acid; BODIPY® 500/510 C1, C12
Method:	Fluorescence Microscopy
References:	628
Structure:	Cc1ccc2C=C3C=CC(CCCCCCCCCCCC([O-])=O)=[N+]3[B-](F)(F)n12
Name:	D3825; 4,4-difluoro-5-octyl-4-bora-3a,4a-diaza- s-indacene-3-pentanoic acid; BODIPY® 500/510 C8, C5
Method:	Fluorescence Microscopy
References:	627
Structure:	CCCCCCCCc1ccc2C=C3C=CC(CCCCC([O-])=O)=[N+]3[B-](F)(F)n12
Name:	D3862; 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-undecanoic acid; BODIPY® FL C11
Method:	Cell Fractionation
References:	605
Structure:	Cc1cc(C)n2c1C=C1C=CC(CCCCCCCCCCC([O-])=O)=[N+]1[B-]2(F)F
Name:	B3932; (E,E)-3,5-bis-(4-phenyl-1, 3-butadienyl)-4,4-difluoro-4-bora-3a,4a- diaza-s-indacene; BODIPY® 665/676
Method:	NA
References:	Invi
Structure:	F[B-]1(F)n2c(\C=C\C=C\c3ccccc3)ccc2C=C2C=CC(/C=C/C=C\c3ccccc3)=[N+]12

Name:	D3835; 4,4-difluoro-5-(2-thienyl)-4-bora-3a,4a-diaza-s-indacene-3-dodecanoic acid; BODIPY® 558/568 C12
Method:	NA
References:	Invi
Structure:	[O-]C(=O)CCCCCCCCCCCC1=[N+]2C(C=C1)=Cc1ccc(-c3cccs3)n1[B-]2(F)F
Name:	D3821; 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-hexadecanoic acid; BODIPY® FL C16
Method:	Fluorescence Microscopy
References:	604
Structure:	Cc1cc(C)n2c1C=C1C=CC(CCCCCCCCCCCCCCCC([O-])=O)=[N+]1[B-]2(F)F
Name:	N1148; NBD cholesterol; (22-(N-(7-nitrobenz-2-oxa-1,3- diazol-4-yl)amino)-23,24-bisnor-5-cholen-3beta-ol)
Method:	Fluorescence Microscopy
References:	683
Structure:	CC(CNc1ccc(c2nonc12)N(=O)=O)C1CCC2C3CC=C4CC(O)CCC4(C)C3CCC12C
Name:	D3861; 4,4-difluoro-5-(4-phenyl-1,3-butadienyl) -4-bora-3a,4a-diaza-s-indacene-3-undecanoic acid; BODIPY® 581/591 C11
Method:	Fluorescence Microscopy
References:	605
Structure:	[O-]C(=O)CCCCCCCCCCC1=[N+]2C(C=C1)=Cc1ccc(\C=C\C=C\c3ccccc3)n1[B-]2(F)F
Name:	D109; 5-dodecanoylaminofluorescein
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCC(=O)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12
Name:	F3857; Fluorescein octadecyl ester
Method:	Uptake/Binding
References:	623
Structure:	CCCCCCCCCCCCCCCCCCOC(=O)c1ccccc1C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12
Name:	H110; 5-hexadecanoylaminofluorescein
Method:	Fluorescence Microscopy
References:	675
Structure:	CCCCCCCCCCCCCCCCC(=O)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12
Name:	D291; 4-(4-(didecylamino)styryl)-N-methylpyridinium iodide; 4-Di-10-ASP
Method:	Fluorescence Microscopy
References:	676
Structure:	CCCCCCCCCCN(CCCCCCCCCC)c1ccc(cc1)\C=C\c1cc[n+](C)cc1

Name:	O246; Octadecyl rhodamine B chloride; R18
Method:	Uptake/Binding
References:	678
Structure:	CCCCCCCCCCCCCCCCCCOC(=O)c1ccccc1C1=C2C=CC(C=C2Oc2cc(ccc12)N(CC)CC)=[N+](CC)CC
Name:	D3805; 2-(4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-pentanoyl)- 1-hexadecanoyl-sn-glycero-3- phosphate, diammonium salt; Beta-BODIPY® FL C5-HPA
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])([O-])=O)OC(=O)CCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	D383; 1,1'-didodecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate; DiIC12(3)
Method:	Fluorescence Microscopy
References:	611
Structure:	CCCCCCCCCCCCN1c2ccccc2C(C)(C)\C1=C\C=C\C1=[N+](CCCCCCCCCCCC)c2ccccc2C1(C)C
Name:	N3786; 2-(6-(7-nitrobenz-2-oxa-1,3-diazol-4-yl) amino)hexanoyl-1-hexadecanoyl-sn-glycero-3-phosphocholine; NBD C6-HPC
Method:	Fluorescence Microscopy
References:	724
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCNc1ccc(c2nonc12)N(=O)=O
Name:	D476; 2-(3-(diphenylhexatrienyl)propanoyl)-1-hexadecanoyl-sn-glycero-3- phosphocholine; Beta-DPH HPC
Method:	Fluorescence Microscopy
References:	657
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCc1ccc(\C=C/C=C/C=C\c2ccccc2)cc1
Name:	C3927MP; Cholesteryl 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a- diaza-s-indacene-3-dodecanoate; Cholesteryl BODIPY® FL C12
Method:	Fluorescence Microscopy
References:	659
Structure:	CC(C)CCCC(C)C1CCC2C3CC=C4CC(CCC4(C)C3CCC12C)OC(=O)CCCCCCCCCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	D3883; 4-Di-16-ASP (4-(4-(dihexadecylamino)styryl)- N-methylpyridinium iodide; DiA
Method:	Fluorescence Microscopy
References:	612
Structure:	CCCCCCCCCCCCCCCCCN(CCCCCCCCCCCCCCCC)c1ccc(cc1)\C=C\c1cc[n+](C)cc1

Name:	D3803; 2-(4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-pentanoyl)- 1-hexadecanoyl-sn-glycero-3- phosphocholine; Beta-BODIPY® FL C5-HPC
Method:	Fluorescence Microscopy
References:	660
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	D11253,3'-dihexadecyloxacarbocyanine perchlorate; DiOC16(3)
Method:	Fluorescence Microscopy
References:	639
Structure:	CCCCCCCCCCCCCCCCCN1\C(Oc2ccccc12)=C/C=C/c1oc2ccccc2[n+]1CCCCCCCCCCCCCCCC
Name:	H361; 1-hexadecanoyl-2-(1-pyrenedecanoyl)-sn-glycero-3-phosphocholine; Beta-py-C10-HPC
Method:	Pharmacological Effect
References:	666
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCCCc1cc2ccc3cccc4ccc(c1)c2c34
Name:	D3771; 2-decanoyl-1-(O-(11-(4,4- difluoro-5,7-dimethyl-4-bora-3a,4a- diaza-s-indacene-3-propionyl) amino)undecyl)-sn-glycero-3-phosphocholine
Method:	NA
References:	Invi
Structure:	CCCCCCCCCC(=O)OC(COCCCCCCCCCCCCCNC(=O)CCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F)COP([O-])(=O)OCC[N+](C)(C)C
Name:	N3787; 2-(12-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)amino)dodecanoyl-1-hexadecanoyl- sn-glycero-3-phosphocholine; NBD C12-HPC
Method:	Fluorescence Microscopy
References:	725
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCCCCCCNc1ccc(c2nonc12)N(=O)=O
Name:	H3809; 1-hexadecanoyl-2-(1-pyrenedecanoyl)-sn-glycero-3-phosphoglycerol, ammonium salt; Beta-py-C10-PG
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC(O)CO)OC(=O)CCCCCCCCCc1cc2ccc3cccc4ccc(c1)c2c34
Name:	D7711; N-(4,4-difluoro-5,7-dimethyl-4- bora-3a,4a-diaza-s-indacene-3-dodecanoyl)sphingosyl phosphocholine ; BODIPY® FL C12-sphingomyelin
Method:	Fluorescence Microscopy

References:	611
Structure:	CCCCCCCCCCCCCC\C=C/C(O)C(COP([O-])(=O)OCC[N+](C)(C)C)NC(=O)CCCCCCCCCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	D3898; 3,3'-dilinoleyloxacarbocyanine perchlorate; FAST DiO™ solid; DiODelta9,12-C18(3), ClO4
Method:	NA
References:	Invi
Structure:	CCCCC\C=C\C\C=C\CCCCCCCCN1\C(Oc2cccc12)=C/C=C/c1oc2ccccc2[n+]1CCCCCCCC\C=C\C\C=C\CCCCC
Name:	D384; 1,1'-dihexadecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate; DiIC16(3)
Method:	Fluorescence Microscopy
References:	615
Structure:	CCCCCCCCCCCCCCCCN1c2ccccc2C(C)(C)\C1=C/C=C/C1=[N+](CCCCCCCCCCCCCCCC)c2ccccc2C1(C)C
Name:	D275; 3,3'-dioctadecyloxacarbocyanine perchlorate
Method:	Fluorescence Microscopy
References:	641
Structure:	CCCCCCCCCCCCCCCCCCN1\C(Oc2ccccc12)=C/C=C/c1oc2ccccc2[n+]1CCCCCCCCCCCCCCCC
Name:	D3793; 2-(4,4-difluoro-5-methyl-4-bora-3a,4a-diaza-s-indacene-3-dodecanoyl)-1-hexadecanoyl-sn-glycero-3- phosphocholine; Beta-BODIPY® 500/510 C12-HPC
Method:	Fluorescence Microscopy
References:	642
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCCCCCC1=[N+]2C(C=C1)=Cc1ccc(C)n1[B-]2(F)F
Name:	D3792; 2-(4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-dodecanoyl) -1-hexadecanoyl-sn-glycero-3- phosphocholine; Beta-BODIPY® FL C12-HPC
Method:	Fluorescence Microscopy
References:	611
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCCCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	D7758; 4-(4-(dilinoleylamino)styryl)-N-methylpyridinium 4-chlorobenzenesulfonate; FAST DiA™ solid; DiDelta9,12- C18ASP, CBS
Method:	Fluorescence Microscopy
References:	616
Structure:	CCCCC\C=C\C\C=C\CCCCCCCCN(CCCCCC

	CC\C=C\C\C=C/CCCCC)c1ccc(cc1)\C=C\c1cc[n+](C)cc1
Name:	D3815; 2-(4,4-difluoro-5,7-diphenyl-4-bora-3a,4a-diaza-s-indacene-3-pentanoyl)- 1-hexadecanoyl-sn-glycero-3- phosphocholine; Beta-BODIPY® 530/550 C5-HPC
Method:	Fluorescence Microscopy
References:	642
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCC1=[N+]2C(C=C1)=Cc1c(cc(-c3ccccc3)n1[B-]2(F)F)-c1ccccc1
Name:	D3886; 1,1'-dioleyl-3,3,3',3'-tetramethylindocarbocyanine methanesulfonate; Delta9-DiI
Method:	NA
References:	Invi
Structure:	CCCCCCCC\C=C\CCCCCCCCN1c2ccccc2C(C)(C)\C1=C\C=C/C1=[N+](CCCCCCCC\C=C\CCCCCCCC)c2ccccc2C1(C)C
Name:	D3899; 1,1'-dilinoleyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate; FAST DiI™ oil; DiIDelta9,12- C18(3), ClO4
Method:	Fluorescence Microscopy
References:	611
Structure:	CCCCC\C=C\C\C=C\CCCCCCCCN1c2ccccc2C(C)(C)\C1=C\C=C/C1=[N+](CCCCCCCC\C=C\C\C=C\CCCCC)c2ccccc2C1(C)C
Name:	D282; 1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate; DiI'; DiIC18(3)
Method:	Fluorescence Microscopy
References:	641, 645
Structure:	CCCCCCCCCCCCCCCCCCN1c2ccccc2C(C)(C)\C1=C/C=C/C1=[N+](CCCCCCCCCCCCCCCCC)c2ccccc2C1(C)C
Name:	M12652; Marina Blue® 1,2-dihexadecanoyl-sn-glycero-3- phosphoethanolamine; Marina Blue® DHPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=O)CC1=C(C)c2cc(F)c([O-])c(F)c2OC1=O)OC(=O)CCCCCCCCCCCCCCCC
Name:	N360; N-(7-nitrobenz-2-oxa-1,3-diazol- 4-yl)-1,2-dihexadecanoyl-sn- glycero-3-phosphoethanolamine, triethylammonium salt; NBD-PE
Method:	Fluorescence Microscopy
References:	8, 617
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNc1ccc(c2nonc12)N(=O)=O)OC(=O)CCCCCCCCCCCCCCCC

Name:	D307; 1,1'-dioctadecyl-3,3,3',3'-tetramethylindodicarbocyanine perchlorate; DiD' oil; DiIC18(5) oil
Method:	Fluorescence Microscopy
References:	685
Structure:	CCCCCCCCCCCCCCCCCCN1c2ccccc2C(C)(C)\C1=C\C=C\C=C\C1=[N+](CCCCCCCCCCCCCCCCCC)c2ccccc2C1(C)C
Name:	P22652; Pacific Blue™ 1,2-ditetradecanoyl-sn-glycero-3- phosphoethanolamine, triethylammonium salt; Pacific Blue™ DMPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=O)C1=Cc2cc(F)c([O-])c(F)c2OC1=O)OC(=O)CCCCCCCCCCCCC
Name:	D7776; 1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine-5,5'- disulfonic acid; DiIC18(3)-DS
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCCCCN1c2ccc(cc2C(C)(C)\C1=C/C=C/C1=[N+](CCCCCCCCCCCCCCCCC)c2ccc(cc2C1(C)C)S([O-])(=O)=O)S([O-])(=O)=O
Name:	D6562; 1,2-dioleoyl-3-(1-pyrenedodecanoyl)-rac-glycerol
Method:	NA
References:	Invi
Structure:	CCCCCCCC\C=C\CCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCCc1ccc2ccc3cccc4ccc1c2c34)OC(=O)CCCCCCC\C=C/CCCCCCCC
Name:	D12731; 1,1'-dioctadecyl-3,3,3',3'-tetramethylindotricarbocyanine iodid; DiR; DiIC18(7)
Method:	Fluorescence Microscopy
References:	664
Structure:	CCCCCCCCCCCCCCCCCCN1c2ccccc2C(C)(C)\C1=C\C=C/C=C/C=C\C1=[N+](CCCCCCCCCCCCCCCCCC)c2ccccc2C1(C)C
Name:	B1550; N-(biotinoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt; Biotin DHPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=O)CCCCC1SCC2NC(=O)NC12)OC(=O)CCCCCCCCCCCCCCC
Name:	D57; N-(5-dimethylaminonaphthalene-1-sulfonyl)-1,2-dihexadecanoyl-sn- glycero-3-phosphoethanolamine, triethylammonium salt; Dansyl DHPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNS(=O)(=O)c1cccc2c(cccc12)N(C)C)OC(=O)CCCCCCCCCCCCCCC
Name:	B7701; 1,2-bis-(4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3- undecanoyl)-sn-glycero-3- phosphocholine; Bis-BODIPY® FL C11-PC
Method:	Fluorescence Microscopy
References:	648
Structure:	Cc1cc(C)n2c1C=C1C=CC(CCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCCCCCC3=[N+]4C(C=C3)=Cc3c(C)cc(C)n3[B-]4(F)F)=[N+]1[B-]2(F)F
Name:	C7000; CellTracker™ CM-DiI
Method:	Fluorescence Microscopy
References:	618
Structure:	CCCCCCCCCCCCCCCCCCN1c2ccccc2C(C)(C)\C1=C\C=C\C1=[N+](CCCCCCCCCCCCCCCCCC)c2ccc(CNC(=O)c3ccc(CCl)cc3)cc2C1(C)C
Name:	O12650; Oregon Green® 488 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine; Oregon Green® 488 DHPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=O)c1ccc(c(c1)C([O-])=O)C1=C2C=C(F)C(=O)C=C2Oc2cc(O)c(F)cc12)OC(=O)CCCCCCCCCCCCCCCC
Name:	D7778; 3,3'-dioctadecyl-5,5'-di(4-sulfophenyl) oxacarbocyanine, sodium salt; SP-DiOC18(3)
Method:	Fluorescence Microscopy
References:	727
Structure:	CCCCCCCCCCCCCCCCCCN1\C(Oc2ccc(cc12)-c1ccc(cc1)S([O-])(=O)=O)=C/C=C/c1oc2ccc(cc2[n+]1CCCCCCCCCCCCCCCC)-c1ccc(cc1)S([O-])(=O)=O
Name:	B1616; N-((6-(biotinoyl)amino)hexanoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt; Biotin-X DHPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=O)CCCCCNC(=O)CCCCC1SCC2NC(=O)NC12)OC(=O)CCCCCCCCCCCCCCCCCC
Name:	D7777; 1,1'-dioctadecyl-6,6'-di(4-sulfophenyl)-3,3,3',3'-tetramethylindocarbocyanine; SP-DiIC18(3)
Method:	Fluorescence Microscopy
References:	649
Structure:	CCCCCCCCCCCCCCCCCCN1c2cc(ccc2C(C)

	(C)\C1=C\C=C\C1=[N+](CCCCCCCCCCCCCCCCCC)c2cc(ccc2C1(C)C)-c1ccc(cc1)S([O-])(=O)=O)-c1ccc(cc1)S([O-])(=O)=O
Name:	F362; N-(fluorescein-5-thiocarbamoyl)- 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt; Fluorescein DHPE
Method:	NA
References:	Invi
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=S)Nc1ccc(c(c1)C([O-])=O)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12)OC(=O)CCCCCCCCCCCCCCC
Name:	T1391; N-(6-tetramethylrhodaminethiocarbamoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt; TRITC DHPE
Method:	Fluorescence Microscopy
References:	679
Structure:	CCCCCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCCNC(=S)Nc1ccc(C([O-])=O)c(c1)C1=C2C=C/C(/C=C2Oc2cc(ccc12)N(C)C)=[N+](\C)C)OC(=O)CCCCCCCCCCCCCCCCC
Name:	Hostalux SN
Method:	Fluorescence Microscopy
References:	55
Structure:	CC(C)COCCS(=O)(=O)c1ccc(cc1)N1CCC(=N1)c1ccc(Cl)cc1
Name:	Uvitex EBF
Method:	Fluorescence Microscopy
References:	55
Structure:	c1ccc2oc(nc2c1)-c1csc(c1)-c1nc2ccccc2o1
Name:	Blancophor DCR
Method:	Fluorescence Microscopy
References:	55
Structure:	CS(=O)(=O)c1ccc(cc1)N1CCC(=N1)c1ccc(Cl)cc1
Name:	MPPT
Method:	Fluorescence Microscopy
References:	55
Structure:	Cn1c(nc2ccccc12)-c1ccc(s1)C1=NN(CC1)c1ccccc1
Name:	3-Cyanoperylene
Method:	Fluorescence Microscopy
References:	55
Structure:	N#Cc1ccc2c3cccc4cccc(c5cccc1c25)c34
Name:	ZnPcS3C6
Method:	Fluorescence Microscopy
References:	88
Structure:	CCCCC#Cc1ccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccc(cc56)S([O-])(=O)=O)c5cc(ccc35)S([O-])(=O)=O)c2c1)c1ccc(cc41)S([O-])(=O)=O
Name:	ZnPcS3C9
Method:	Fluorescence Microscopy
References:	88
Structure:	CCCCCCCC#Cc1ccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccc(cc56)S([O-])(=O)=O)c5cc(ccc35)S([O-])(=O)=O)c2c1)c1ccc(cc41)S([O-])(=O)=O
Name:	Rhodac
Method:	Fluorescence Microscopy
References:	102
Structure:	CCOC(=C\C=C1\SC(\C=C2\SC(c3ccccc3)=C(N2CC)c2ccccc2)=[N+](CC)C1=O)\C=C1\Sc2ccc(C)cc2N1CC
Name:	3-THPP; tetra(3-hydroxyphenyl)porphine
Method:	Fluorescence Microscopy
References:	111
Structure:	Oc1cccc(c1)-c1c2ccc(n2)c(-c2cccc(O)c2)c2ccc([nH]2)c(-c2cccc(O)c2)c2ccc(n2)c(-c2cccc(O)c2)c2ccc1[nH]2
Name:	Cytochalasin D
Method:	Cell Fractionation
References:	143
Structure:	CC1C\C=C\C2C(O)C(=C)C(C)C3C(Cc4ccccc4)NC(=O)C23C(OC(C)=O)\C=C\C(C)(O)C1=O
Name:	HBDP-R1; 2,-(N,N-dimethylamino)-propylamine-HB
Method:	Fluorescence Microscopy
References:	186
Structure:	COC1=CC(=O)c2c(NCCC[NH+](C)C)c(OC)c3CC(C)=C(C(C)=O)c4c(OC)c(NCCC[NH+](C)C)c5C(=O)C=C(OC)c6c1c2c3c4c56
Name:	CIBC Derivative 2
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(OC)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)O
Name:	CICD Derivative 5; 13,15-N-cycloimide Derivatives of Chlorin p10
Method:	Fluorescence Microscopy
References:	86
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC(=O)OC)C4C)c4C(=O)N(OC)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C=C
Name:	di-4-ANEPPDHQ
Method:	Fluorescence Microscopy
References:	291
Structure:	CCCCN(CCCC)c1ccc2cc(CCc3cc[n+](CC(O)C

	[N+](C)(C)CCO)cc3)ccc2c1
Name:	Evans Blue
Method:	Fluorescence Microscopy
References:	294
Structure:	Cc1cc(ccc1N\N=C1/C=Cc2c(cc(c(N)c2C1=O)S([O-])(=O)=O)S([O-])(=O)=O)-c1ccc(N\N=C2/C=Cc3c(cc(c(N)c3C2=O)S([O-])(=O)=O)S([O-])(=O)=O)c(C)c1
Name:	SnNT2H2 (Cl2)
Method:	Fluorescence Microscopy
References:	332
Structure:	CCCOC(=O)C1Cc2c3[n+]4c(cc5c(CC)c(CC)c6cc7c(CC)c(CC)c8cc9c(CC)c(CC)c2n9[Sn]4(n56)[n+]78)C(CC)C13CC
Name:	EBCS
Method:	Fluorescence Microscopy
References:	332
Structure:	CCc1c(C)c2cc3[nH]c(c(C)c3CC)c3cccc4c3nc(cc3[nH]c(cc1n2)c(C)c3CC)C4(C)CC
Name:	SnEBCS
Method:	Fluorescence Microscopy
References:	332
Structure:	CCc1c(C)c2cc3c(CC)c(C)c4cc5c(CC)c(C)c6n5[Sn]5(n2c1cc1[n+]5c2c(cc(cc62)S([O-])(=O)=O)C1(C)CC)[n+]34
Name:	JPW-3028; Di-1-ANEPEQ
Method:	Fluorescence Microscopy
References:	383
Structure:	CN(C)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CC[N+](C)(C)C)cc1
Name:	JPW-3080; Di-1-APEFEQPQ
Method:	Fluorescence Microscopy
References:	383
Structure:	CN(C)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)o2)cc1
Name:	JPW-600; Di-4-ANBDQPQ
Method:	Fluorescence Microscopy
References:	383
Structure:	CCCCN(CCCC)c1ccc2cc(\C=C\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)ccc2c1
Name:	JPW-4090; Di-2-ANBDQPQ
Method:	Fluorescence Microscopy
References:	383
Structure:	CCN(CC)c1ccc2cc(\C=C\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)ccc2c1
Name:	PY-1261; Di-2-BTEPPTEA
Method:	Fluorescence Microscopy
References:	383
Structure:	CCN(CC)c1ccc(s1)-c1ccc(\C=C\c2cc[n+](CCC[N+](CC)(CC)CC)cc2)s1

Name:	PY-1268; Di-2-TTEPPTEA
Method:	Fluorescence Microscopy
References:	383
Structure:	CCN(CC)c1ccc(s1)-c1ccc(s1)-c1ccc(\C=C\c2cc[n+](CCC[N+](CC)(CC)CC)cc2)s1
Name:	PY-1286; Di-3-BTEPPTEA
Method:	Fluorescence Microscopy
References:	383
Structure:	CCCN(CCC)c1ccc(s1)-c1ccc(\C=C\c2cc[n+](CCC[N+](CC)(CC)CC)cc2)s1
Name:	PY-1266; Di-4-BTEPPTEA
Method:	Fluorescence Microscopy
References:	383
Structure:	CCCCN(CCCC)c1ccc(s1)-c1ccc(\C=C\c2cc[n+](CCC[N+](CC)(CC)CC)cc2)s1
Name:	JPW-3067
Method:	Fluorescence Microscopy
References:	384
Structure:	CN(C)c1ccc(\C=C\c2ccc(\C=C\C3=[N+](CCC[N+](C)(C)C)c4ccccc4C3(C)C)s2)cc1
Name:	JPW-5034
Method:	Fluorescence Microscopy
References:	384
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\C3=[N+](CCC[N+](C)(C)C)c4ccccc4C3(C)C)s2)cc1
Name:	JPW-5020
Method:	Fluorescence Microscopy
References:	384
Structure:	CCCCCCCCN(CCCCCCCC)c1ccc(\C=C\c2ccc(\C=C\C3=[N+](CCC[N+](C)(C)C)c4ccccc4C3(C)C)s2)cc1
Name:	di-4-ANEPPS
Method:	Fluorescence Microscopy
References:	384
Structure:	CCCCN(CCCC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CCCS([O-])(=O)=O)cc1
Name:	JPW-3012
Method:	Fluorescence Microscopy
References:	385
Structure:	C[N+](C)(C)CCC[n+]1ccc(\C=C\c2cc3CCCN4CCCc(c2)c34)c2ccccc12
Name:	KDH-160
Method:	Fluorescence Microscopy
References:	385
Structure:	CCN1CCCc2ccc(\C=C\c3cc[n+](CCCS([O-])(=O)=O)c4ccccc34)cc12
Name:	JPW-3066

Method:	Fluorescence Microscopy
References:	385
Structure:	CN(C)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)s2)cc1
Name:	JPW-4012
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)o2)cc1
Name:	JPW-4023
Method:	Fluorescence Microscopy
References:	385
Structure:	CCN(CC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)o2)cc1
Name:	RE-66
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCN(CCCC)c1ccc(cc1)\C=C\c1c2ccccc2[n+](CCCCS([O-])(=O)=O)c2ccccc12
Name:	RE-136
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCN(CCCC)c1ccc(cc1)\C=C\C=C\c1c2ccccc2[n+](CCCS([O-])(=O)=O)c2ccccc12
Name:	RK-57
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCOC1CN2CC(Cc3cc(\C=C\c4c5ccccc5[n+](CCCS([O-])(=O)=O)c5ccccc45)cc(C1)c23)OCCCC
Name:	JPW-5019
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCCCCCN(CCCCCCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)s2)cc1
Name:	JPW-5021
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCCCCCN(CCCCCCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)o2)cc1
Name:	JPW-5026
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCCCCCCCCCN(CCCCCCCCCCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)s2)cc1
Name:	JPW-5028
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCCCCCCCCCN(CCCCCCCCCCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)o2)cc1
Name:	DB1-195
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCN(CCCC)c1ccc(cc1)\C=C\c1c2ccccc2[n+](CCCS([O-])(=O)=O)c2ccccc12
Name:	JPW-5031
Method:	Fluorescence Microscopy
References:	385
Structure:	CCN(CC)c1ccc2cc(\C=C\C=C\C3=[N+](CCC[N+](C)(C)C)c4ccccc4C3(C)C)ccc2c1
Name:	DB2-039
Method:	Fluorescence Microscopy
References:	385
Structure:	CCCCCC1C(CCCC)Cc2cc(\C=C\c3cc[n+](CCC[N+](C)(C)C)c4ccccc34)cc3CCCN1c23
Name:	JPW1114
Method:	Fluorescence Microscopy
References:	411
Structure:	CCN(CC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CC[N+](C)(C)C)cc1
Name:	RH795
Method:	Fluorescence Microscopy
References:	413
Structure:	CCCCN(CCCC)c1ccc(CCCCc2cc[n+](CC(O)CC(C)(C)CCO)cc2)cc1
Name:	JPW3039
Method:	Fluorescence Microscopy
References:	413
Structure:	CCN(CC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CC(O)CC(C)(C)CCO)cc1
Name:	JPW2081
Method:	Fluorescence Microscopy
References:	413
Structure:	CCCCN(CCCC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CC(O)CC(C)(C)CCO)cc1
Name:	JPW3031
Method:	Fluorescence Microscopy
References:	413
Structure:	CCCCCCN(CCCCCC)c1ccc2cc(\C=C\c3cc[n+](CC(O)CC(C)(C)CCO)cc3)ccc2c1
Name:	JPW5037; di-8-ANEPPS
Method:	Fluorescence Microscopy
References:	412, 413
Structure:	CCCCCCCCN(CCCCCCCC)c1ccc2cc(\C=C\c3cc[n+](CCCS([O-])(=O)=O)cc3)ccc2c1
Name:	ANNINE-6plus
Method:	Fluorescence Microscopy

References:	414
Structure:	CCCCN(CCCC)c1ccc2c(ccc3c2ccc2c4ccc5c[n+](CCC[N+](C)(C)C)ccc5c4ccc32)c1
Name:	RH160
Method:	Fluorescence Microscopy
References:	415
Structure:	CCCCN(CCCC)c1ccc(cc1)\C=C\C=C\c1cc[n+](CCCCS([O-])(=O)=O)cc1
Name:	di-4-ANEPBS
Method:	Fluorescence Microscopy
References:	415
Structure:	CCCCN(CCCC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CCCCS([O-])(=O)=O)cc1
Name:	BNBIQ
Method:	Fluorescence Microscopy
References:	415
Structure:	CCCCN(CCCC)c1ccc2cc(ccc2c1)-c1ccc2c[n+](CCCCS([O-])(=O)=O)ccc2c1
Name:	ANNINE-5
Method:	Fluorescence Microscopy
References:	415
Structure:	CCCCN(CCCC)c1ccc2c(ccc3c2ccc2c4cc[n+](CCCCS([O-])(=O)=O)cc4ccc32)c1
Name:	ANNINE-6
Method:	Fluorescence Microscopy
References:	415
Structure:	CCCCN(CCCC)c1ccc2c(ccc3c2ccc2c4ccc5c[n+](CCCCS([O-])(=O)=O)ccc5c4ccc32)c1
Name:	WW375
Method:	Fluorescence Microscopy
References:	417
Structure:	CCN1C(=S)S\C(=C/C=C\C=C2/C=CN(CCCS([O-])(=O)=O)c3ccccc23)C1=O
Name:	RH155
Method:	Fluorescence Microscopy
References:	417
Structure:	CC1=NN(c2ccc(cc2)S([O-])(=O)=O)C(=O)C\1=C\C=C(\C=C\c1c(C)nn(-c2ccc(cc2)S([O-])(=O)=O)c1O)c1ccccc1
Name:	WW781
Method:	Fluorescence Microscopy
References:	417
Structure:	CCCCN1C(=O)N(CCCC)C(O)=C(\C=C\C=C\C=C2\C(C)=NN(C2=O)c2ccc(cc2)S([O-])(=O)=O)C1=O
Name:	C4A-FL
Method:	Fluorescence Microscopy
References:	448
Structure:	[O-]C(=O)CCCc1ccc-2c(Cc3ccccc-23)c1
Name:	C4A-FL-C4

Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCc1ccc-2c(Cc3cc(CCCC([O-])=O)ccc-23)c1
Name:	C8A-FL
Method:	Fluorescence Microscopy
References:	448
Structure:	[O-]C(=O)CCCCCCCc1ccc-2c(Cc3ccccc-23)c1
Name:	C8A-FL-C4
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCc1ccc-2c(Cc3cc(CCCCCCCC([O-])=O)ccc-23)c1
Name:	C6A-FL
Method:	Fluorescence Microscopy
References:	448
Structure:	[O-]C(=O)CCCCCc1ccc-2c(Cc3ccccc-23)c1
Name:	C6A-FL-C2
Method:	Fluorescence Microscopy
References:	448
Structure:	CCc1ccc-2c(Cc3cc(CCCCCC([O-])=O)ccc-23)c1
Name:	C6A-FL-C4
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCc1ccc-2c(Cc3cc(CCCCCC([O-])=O)ccc-23)c1
Name:	C6A-FL-C6
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCCCc1ccc-2c(Cc3cc(CCCCCC([O-])=O)ccc-23)c1
Name:	C6ABz PC
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCc1ccc(cc1)C(=O)c1ccccc1
Name:	C6ABzC6
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCc1ccc(cc1)C(=O)c1ccc(CCCCCC)cc1
Name:	C8ABz PC
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCc1ccc(cc1)C(=O)c1ccccc1

Name:	C8ABzC4 PC
Method:	Fluorescence Microscopy
References:	448
Structure:	CCCCCCCCCCCCCC(=O)OCC(COP([O-])(=O)OCC[N+](C)(C)C)OC(=O)CCCCCCCc1ccc(cc1)C(=O)c1ccc(CCCC)cc1
Name:	1-Pyrene Butyric Acid; PBA
Method:	Fluorescence Microscopy
References:	456
Structure:	[O-]C(=O)CCCC1=CCC2=C3C4C(C=C2)=CC=CC4=CC=C13
Name:	Lepidine Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCCCS([O-])(=O)=O)c4ccccc34)s2)cc1
Name:	Indolenine Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\C3=[N+](CCCCS([O-])(=O)=O)c4ccccc4C3(C)C)s2)cc1
Name:	Benzthiazole Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\c3sc4ccccc4[n+]3CCCCS([O-])(=O)=O)s2)cc1
Name:	Sulfindolenine Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\C3=[N+](CCCCS([O-])(=O)=O)c4ccc(cc4C3(C)C)S([O-])(=O)=O)s2)cc1
Name:	Benzoxazole Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\c3oc4ccccc4[n+]3CCCCS([O-])(=O)=O)s2)cc1
Name:	Sulfoindolenme Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\C3=[N+](CC)c4cc(CS([O-])(=O)=O)ccc4C3(C)C)s2)cc1
Name:	Methoxyquinaldine Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(C=Cc3ccc4cc(OC)ccc4[n+]3CCCCS([O-])(=O)=O)s2)cc1

Name:	Methoxylepidine Dye
Method:	Fluorescence Microscopy
References:	462
Structure:	CCCCN(CCCC)c1ccc(\C=C\c2ccc(\C=C\c3cc[n+](CCCCS([O-])(=O)=O)c4ccc(OC)cc34)s2)cc1
Name:	Amethyst Violet
Method:	Fluorescence Microscopy
References:	463
Structure:	CCN(CC)c1ccc2nc3ccc(cc3[n+](-c3ccccc3)c2c1)N(CC)CC
Name:	DiOC1(3)
Method:	Fluorescence Microscopy
References:	463
Structure:	CN1\C(Oc2ccccc12)=C/C=C/c1oc2ccccc2[n+]1C
Name:	RH355
Method:	Fluorescence Microscopy
References:	464
Structure:	CN(C)c1ccc(cc1)\C=C\C=C\c1cc[n+](CCC[N+](C)(C)C)cc1
Name:	RH461
Method:	Fluorescence Microscopy
References:	464
Structure:	CCN(CC)c1ccc(cc1)\C=C\C=C\c1cc[n+](CCC[N+](C)(C)C)cc1
Name:	RH437
Method:	Fluorescence Microscopy
References:	464
Structure:	CCCN(CCC)c1ccc(cc1)\C=C\C=C\c1cc[n+](CCC[N+](C)(C)C)cc1
Name:	JPW1234
Method:	Fluorescence Microscopy
References:	465
Structure:	CCCCN(CCCC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CC(C)CO)cc1
Name:	JPW1259
Method:	Fluorescence Microscopy
References:	465
Structure:	CCCCN(CCCC)c1ccc2cc(\C=C\c3cc[n+](CC4OC(OC)C(O)C4O)cc3)ccc2c1
Name:	JPW1290
Method:	Fluorescence Microscopy
References:	465
Structure:	CCN(CC)c1ccc2cc(ccc2c1)\C=C\c1cc[n+](CC(C)CO)cc1
Name:	F8N1S
Method:	Fluorescence Microscopy
References:	466
Structure:	CCCCCCCCN(CCCCCCCC)c1ccc(cc1)C1=C([O-])C(=O)c2cc(C[N+](C)(C)CCCS([O-

	])(=O)=O)ccc2O1
Name:	PPZ8
Method:	Fluorescence Microscopy
References:	466
Structure:	CCCCCCCCCOc1ccc2OC(=C([O-])C(=O)c2c1)c1ccc(cc1)N1CCN(CC1)c1cc[n+](CCCS([O-])(=O)=O)cc1
Name:	RH237
Method:	Fluorescence Microscopy
References:	492
Structure:	CCCCN(CCCC)c1ccc(cc1)\C=C\C=C\C=C\c1cc[n+](CCCCS([O-])(=O)=O)cc1
Name:	O^6-Benzylguanine- Pennsylvania Green
Method:	Fluorescence Microscopy

References:	495
Structure:	Cc1cc(ccc1C1=C2C=C(F)C(=O)C=C2Oc2cc(O)c(F)cc12)C(=O)NCc1ccc(COc2nc(N)nc3[nH]cnc23)cc1
Name:	Pennsylvania Green Fluorophore Derivative 22
Method:	Fluorescence Microscopy
References:	498
Structure:	CC(C)CCCC(C)C1CCC2C3CC=C4CC(CCC4(C)C3CCC12C)[NH2+]CCCNC(=O)CCNC(=O)CCNC(=O)c1ccc(c(C)c1)C1=C2C=C(F)C(=O)C=C2Oc2cc(O)c(F)cc12
Name:	::Pennsylvania Green Fluorophore Derivative 23::::::
Method:	Fluorescence Microscopy
References:	498
Structure:	CC(C)CCCC(C)C1CCC2C3CC=C4CC(CCC4(C)C3CCC12C)[NH2+]CCCNC(=O)CCNC(=O)CCNC(=O)c1ccc(c(C)c1)C1=C2C=CC(=O)C=C2Oc2cc(O)ccc12

Supplemental Table 5: The chemical compounds with reported subcellular localization site in the endoplasmic reticulum and Golgi apparatus. References information is available in Supplemental Table 10. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

Name:	B7450; Brefeldin A
Method:	Fluorescence Microscopy
References:	54, 593
Structure:	CC1CCC\C=C/C2CC(O)CC2C(O)\C=C/C(=O)O1
Name:	D272; 3,3'-dipentyloxacarbocyanine iodideDiOC5(3)
Method:	Fluorescence Microscopy
References:	28
Structure:	CCCCCN1\C(Oc2ccccc12)=C\C=C\c1oc2ccccc2[n+]1CCCCC
Name:	B7447; Brefeldin A, BODIPY® FL conjugate; gBFA I
Method:	Fluorescence Microscopy
References:	54
Structure:	CC1CCC\C=C\C2CC(O)CC2C(OC(=O)CCC2=[N+]3C(C=C2)=Cc2c(C)cc(C)n2[B-]3(F)F)\C=C\C(=O)O1
Name:	N1154; 6-((N-(7-nitrobenz-2-oxa-1,3- diazol-4-yl)amino)hexanoyl)sphingosine; NBD C6-ceramide
Method:	Fluorescence Microscopy
References:	146

Structure:	CCCCCCCCCCCCCC\C=C\C(O)C(CO)NC(=O)CCCCCNc1ccc(c2nonc12)N(=O)=O
Name:	E12353; ER-Tracker™ Blue-White DPX
Method:	Fluorescence Microscopy
References:	586
Structure:	CN(C)c1ccc(cc1)-c1cnc(o1)-c1ccc(cc1)S(=O)(=O)NCCNC(=O)c1c(F)c(F)c(F)c(F)c1F
Name:	D3521; N-(4,4-difluoro-5,7-dimethyl-4- bora-3a,4a-diaza-s-indacene-3-pentanoyl)sphingosine; BODIPY® FL C5-ceramide
Method:	Fluorescence Microscopy
References:	131
Structure:	CCCCCCCCCCCCCC\C=C/C(O)C(CO)NC(=O)CCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	B7449; Brefeldin A, BODIPY® 558/568 conjugate; rBFA
Method:	Fluorescence Microscopy
References:	54
Structure:	CC1CCC\C=C\C2CC(O)CC2C(OC(=O)CCC2=[N+]3C(C=C2)=Cc2ccc(-c4cccs4)n2[B-

	]3(F)F)\C=C\C(=O)O1
Name:	D7540; N-((4-(4,4-difluoro-5-(2-thienyl)-4-bora-3a,4a-diaza-s-indacene-3-yl)phenoxy)acetyl)sphingosine; BODIPY® TR ceramide
Method:	Fluorescence Microscopy
References:	719
Structure:	CCCCCCCCCCCCC\C=C/C(O)C(CO)NC(=O)COc1ccc(cc1)-c1ccc2C=C3C=CC(c4cccs4)=[N+]3[B-](F)(F)n12
Name:	D3522; N-(4,4-difluoro-5,7-dimethyl-4- bora-3a,4a-diaza-s-indacene-3- pentanoyl)sphingosyl phosphocholine ; BODIPY® FL C5-sphingomyelin
Method:	Fluorescence Microscopy
References:	588
Structure:	CCCCCCCCCCCCC\C=C/C(O)C(COP([O-])(=O)OCC[N+](C)(C)C)NC(=O)CCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	E34251; ER-Tracker™ Green; BODIPY® FL glibenclamide
Method:	NA
References:	Invi
Structure:	COc1c(NC(=O)CCC2=[N+]3C(C=C2)=Cc2c(C)cc(C)n2[B-]3(F)F)cc(Cl)cc1C(=O)NCCc1ccc(cc1)S([O-])(=O)=NC(=O)NC1CCCCC1
Name:	D7519; N-(4,4-difluoro-5,7-dimethyl-4- bora-3a,4a-diaza-s-indacene-3-dodecanoyl)sphingosyl 1-beta-D-galactopyranoside; BODIPY® FL C12-galactocerebroside
Method:	Fluorescence Microscopy
References:	661
Structure:	CCCCCCCCCCCCC\C=C\C(O)C(COC1OC(CO)C(O)C(O)C1O)NC(=O)CCCCCCCCCCCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F
Name:	E34250; ER-Tracker™ Red; BODIPY® TR glibenclamide
Method:	Fluorescence Microscopy
References:	644
Structure:	COc1c(NC(=O)COc2ccc(cc2)C2=[N+]3C(C=C2)=Cc2ccc(-c4cccs4)n2[B-]3(F)F)cc(Cl)cc1C(=O)NCCc1ccc(cc1)S([O-])(=O)=NC(=O)NC1CCCCC1
Name:	TDEPC; Tetradiethanolamine Zn(II) phthalocyanine
Method:	Fluorescence Microscopy
References:	87
Structure:	OCCN(CCO)S(=O)(=O)c1ccc2c3nc(nc4n5[Zn]n6c(nc7nc(nc5c5cc(ccc45)S(=O)(=O)N(CCO)CCO)c4cccc(c74)S(=O)(=O)N(CCO)CCO)c4ccc(cc4c6n3)S(=O)(=O)N(CCO)CCO)c2c1

Name:	Tolyporphin
Method:	Fluorescence Microscopy
References:	117
Structure:	CC1CC(OC(C)=O)C(OC(C)=O)C(O1)C1(C)C(=O)c2cc3cc(C)c(cc4nc(cc5[nH]c(cc5C)cc1n2)C(=O)C4(C)C1OC(C)C(CC1OC(C)=O)OC(C)=O)[nH]3
Name:	KRN5500
Method:	Fluorescence Microscopy
References:	120
Structure:	CCCCCCCCC\C=C\C=C\C(=O)NCC(=O)NC1C(O)C(O)C(Nc2ncnc3nc[nH]c23)OC1C(O)CO
Name:	gBFA II
Method:	Fluorescence Microscopy
References:	54
Structure:	CC1CCC\C=C\C2CC(CC2C(O)\C=C\C(=O)O1)OC(O)CCC1CCC2CC3C(C)CC(C)N3[B-](F)(F)[NH+]12
Name:	13-Oxo-methyl Pyropheophorbide-a Derivative 10
Method:	Fluorescence Microscopy
References:	218
Structure:	CCCCCCCCCCCCCOC(C)c1c(C)c2cc3nc(C(CCC(=O)OC)C3C)c3C(=O)C(=O)c4c(C)c(cc5nc(cc1[nH]2)C(C)C5CC)[nH]c34
Name:	13-Oxo-methyl Pyropheophorbide-a Derivative 14
Method:	Fluorescence Microscopy
References:	218
Structure:	CCCCCCCCCCCCCOC(C)C1=C(C)C2\C=C3/N=C(C(CCC(=O)OC)C3C)C3=C4N5[In](Cl)N2C1\C=C1/N=C(/C=C5/C(C)=C4C(=O)C3=O)C(CC)C1C
Name:	CIBC Derivative 1
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)OC(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)=O
Name:	CIBC Derivative 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(OC)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)OCC(O)CO
Name:	CIBC Derivative 10
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(NC(=O)c5ccncc5)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)=O
Name:	2-BA-2-DMHB2-butylamino-2-demethoxy-

	hypocrellin B
Method:	Fluorescence Microscopy
References:	245
Structure:	CCCCNc1c(O)c2C(=O)C=C(OC)c3c4C(OC)=CC(=O)c5c(O)c(OC)c6C(C(C)=O)=C(C)Cc1c(c23)c6c45
Name:	Monensin
Method:	Pharmacological Effect
References:	249
Structure:	CCC1(CCC(O1)C1(C)CCC2(CC(O)C(C)C(O2)C(C)C(OC)C(C)C([O-])=O)O1)C1OC(CC1C)C1OC(O)(CO)C(C)CC1C
Name:	Okadaic Acid
Method:	Pharmacological Effect
References:	249
Structure:	CC1CCC2(CCCCO2)OC1C(C)CC(O)C1OC2CCC3(CCC(O3)\C=C\C(C)C3CC(C)=CC4(OC(CCC4O)CC(C)(O)C([O-])=O)O3)OC2C(O)C1=C
Name:	Purpurinimide Carbohydrate Conjugate 13
Method:	Fluorescence Microscopy
References:	263
Structure:	CCCCCCN1C(=O)c2c(C)c3cc4nc(cc5[nH]c(cc6nc(C(CCC(=O)OC)C6C)c(C1=O)c2[nH]3)c(C)c5CO)c(C)c4CC
Name:	Vitamin K
Method:	Cell Fractionation
References:	337
Structure:	CC(C)CCCC(C)CCCC(C)CCCC(C)\C=C\C1=C(C)C(=O)c2ccccc2C1=O
Name:	Porphyrin Conjugate Derivative 4
Method:	Fluorescence Microscopy
References:	354
Structure:	CC(C)C(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C1CCCN1C(=O)CNC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(N)=O
Name:	Porphyrin Conjugate Derivative 5
Method:	Fluorescence Microscopy
References:	354
Structure:	NC(=[NH2+])NCCCC(NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)CNC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C([O-])=O
Name:	Porphyrin Conjugate Derivative 6
Method:	Fluorescence Microscopy
References:	354
Structure:	CN(CCCCC(=O)N1CCCC1C(=O)NC(CCC(N)=O)C(N)=O)C(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCC(N)=O)NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)CNC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	SNAFR-6
Method:	Fluorescence Microscopy
References:	388
Structure:	Oc1ccc2cc3c(OC4=CC(=O)C=CC4=C3c3ccccc3)cc2c1
Name:	ADPM01
Method:	Fluorescence Microscopy
References:	407
Structure:	F[B-]1(F)n2c(cc(-c3ccccc3)c2N=C2C(=CC(c3ccccc3)=[N+]12)c1ccccc1)-c1ccccc1
Name:	Hypericin Derivatives 2
Method:	Fluorescence Microscopy
References:	418
Structure:	Cc1ccc2C(=O)c3c(O)cc([O-])c4c3c(-c2c1)c1-c2cc(C)ccc2C(=O)c2c(O)cc([O-])c4c12
Name:	Hypericin Derivatives 3
Method:	Fluorescence Microscopy
References:	418
Structure:	COc1cc(OC)c2c3c1C(=O)c1ccc(C)cc1-c3c1-c3cc(C)ccc3C(=O)c3c(OC)cc(OC)c2c13
Name:	Hypericin Derivatives 4
Method:	Fluorescence Microscopy
References:	418
Structure:	Cc1ccc2C(=O)c3c(O)c(Br)c([O-])c4c3c(-c2c1)c1-c2cc(C)ccc2C(=O)c2c(O)c(Br)c([O-])c4c12
Name:	Hypericin Derivatives 5
Method:	Fluorescence Microscopy
References:	418
Structure:	CCCCNc1cc(O)c2c3c1C(=O)c1ccc(C)cc1-c3c1-c3cc(C)ccc3C(=O)c3c(NCCCC)cc(O)c2c13
Name:	Zinpyr-1
Method:	Fluorescence Microscopy
References:	458, 706
Structure:	[O-

	]C(=O)c1ccccc1C1=C2C=C(Cl)C(=O)C(CN(Cc3ccccn3)Cc3ccccn3)=C2Oc2c(CN(Cc3ccccn3)Cc3ccccn3)c([O-])c(Cl)cc12
Name:	Zinpyr-2
Method:	Fluorescence Microscopy
References:	458, 706

Structure:	Oc1ccc2c(OC3=C(CN(Cc4ccccn4)Cc4ccccn4)C(=O)C=CC3=C2c2ccccc2C([O-])=O)c1CN(Cc1ccccn1)Cc1ccccn1

Supplemental Table 6: The chemical compounds with reported subcellular localization site in the cytosol. References information is available in Supplemental Table 10. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

Name:	Gentamicin
Method:	Cell Fractionation
References:	2, 23, 161
Structure:	C[NH2+]C(C)C1CCC([NH3+])C(O1)OC1C([NH3+])CC([NH3+])C(OC2OCC(C)(O)C([NH2+]C)C2O)C1O
Name:	L7525; LysoTracker® Blue DND-22
Method:	Fluorescence Microscopy
References:	585
Structure:	CN(C)CC[NH2+]Cc1c2ccccc2c(C[NH2+]CCN(C)C)c2ccccc12
Name:	B153; 4,4'-dianilino-1,1'-binaphthyl-5,5'-disulfonic acid, dipotassium salt; Bis-ANS
Method:	Uptake/Binding
References:	609
Structure:	[O-]S(=O)(=O)c1cccc2c(ccc(Nc3ccccc3)c12)-c1ccc(Nc2ccccc2)c2c(cccc12)S([O-])(=O)=O
Name:	PBD Derivative 5; 7-Diethylaminocoumarin pyrrolobenzodiazepine derivative 5
Method:	Fluorescence Microscopy
References:	136
Structure:	CCOC(=O)C1=Cc2ccc(cc2OC1=O)N(CC)CC

Name:	PBD Derivative 17; 7-Diethylaminocoumarin pyrrolobenzodiazepine derivative 17
Method:	Fluorescence Microscopy
References:	136
Structure:	CCN(CC)c1ccc2C=C(C(=O)NCCCCCCCCCOc3cc4N=CC5CCCN5C(=O)c4cc3OC)C(=O)Oc2c1
Name:	PBD Derivative 20; 7-Diethylaminocoumarin pyrrolobenzodiazepine derivative 20
Method:	Fluorescence Microscopy
References:	136
Structure:	CCN(CC)c1ccc2C=C(C(=O)NCCCNC(=O)COc3cc4N=CC5CCCN5C(=O)c4cc3OC)C(=O)Oc2c1
Name:	6-Aminoquinoline Derivative 1
Method:	Fluorescence Microscopy
References:	137
Structure:	Cc1c(N2CCCCC2)c(N)cc2C(=O)C(=CN(C3CC3)c12)C([O-])=O
Name:	Triflupromazine
Method:	Fluorescence Microscopy

References:	172
Structure:	C[NH+](C)CCCN1c2ccccc2Sc2ccc(cc12)C(F)(F)F
Name:	PCI-2000
Method:	Fluorescence Microscopy
References:	219
Structure:	CCC1=C(CC)C2=CC3=NC(=Cc4[nH]c(c(CC)c4CC)-c4[nH]c(C=C5N=C(C=C1N2)C(CCCO)=C5C)c(CC)c4CC)C(C)=C3CCCO
Name:	(Dmt[1],dnsDap[4])-DALDA; Dmt-D-Arg-Phe-dnsDap-NH2
Method:	Fluorescence Microscopy
References:	156
Structure:	CN(C)c1cccc2c(cccc12)S(=O)(=O)C(N)C(NC(=O)C(Cc1ccccc1)NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C([NH3+])Cc1c(C)cc(O)cc1C)C(N)=O
Name:	Aclacinomycin A
Method:	Fluorescence Microscopy
References:	282
Structure:	CCC1(O)CC(OC2CC(C(OC3CC(O)C(OC4CCC(=O)C(C)O4)C(C)O3)C(C)O2)[NH+](C)C)c2c(O)c3C(=O)c4c(O)cccc4C(=O)c3cc2C1C(=O)OC
Name:	Rose Bengal Acetate
Method:	Fluorescence Microscopy
References:	298
Structure:	[O-]c1c(I)cc2c(Oc3c(I)c([O-])c(I)cc3C22OC(=O)c3c(Cl)c(Cl)c(Cl)c(Cl)c23)c1I
Name:	P-H; tri-cationic 5-(4-carboxyphenyl)-10,15,20-tris(4-methylpyridinium-4-yl)porphyrin tri-iodide
Method:	Fluorescence Microscopy
References:	301
Structure:	C[n+]1ccc(cc1)-c1c2ccc(n2)c(C([O-])=O)c2ccc([nH]2)c(-c2cc[n+](C)cc2)c2ccc([nH]2)c(-c2cc[n+](C)cc2)c2ccc1n2
Name:	Photolabeled BBR 3422
Method:	Cell Fractionation
References:	312
Structure:	C[NH2+]CCNc1ccc2n(CCNC(=O)c3ccc(cc3O)N=[N+]=[N-])nc3-c4cnccc4C(=O)c1c23
Name:	4-DCB; 4,4'-dichlorobiphenyl
Method:	Cell Fractionation
References:	312
Structure:	Clc1ccc(cc1)-c1ccc(Cl)cc1

Name:	236-HCB; 2,2',3,3',6,6'-Hexachlorobiphenyl
Method:	Cell Fractionation
References:	312
Structure:	Clc1ccc(Cl)c(c1Cl)-c1c(Cl)ccc(Cl)c1Cl
Name:	245-HCB; 2,2',4,4',5,5'-hexachlorobiphenyl
Method:	Cell Fractionation
References:	312
Structure:	Cc1cc(Cl)c(Cl)cc1-c1cc(Cl)c(Cl)cc1Cl
Name:	2-Chloroaniline
Method:	Cell Fractionation
References:	315
Structure:	Nc1ccccc1Cl
Name:	4-Chloroaniline
Method:	Cell Fractionation
References:	315
Structure:	Nc1ccc(Cl)cc1
Name:	Dioxane
Method:	Cell Fractionation
References:	317
Structure:	C1COCCO1
Name:	ZnPcS3C2
Method:	Fluorescence Microscopy
References:	328
Structure:	[O-]S(=O)(=O)c1ccc2c3nc(nc4n5[Zn]n6c(nc7nc(nc5c5cc(ccc45)S([O-])(=O)=O)c4ccc(cc74)S([O-])(=O)=O)c4ccc(cc4c6n3)C#C)c2c1
Name:	ZnPcS3C12
Method:	Fluorescence Microscopy
References:	328
Structure:	CCCCCCCCCCC#Cc1ccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccc(cc56)S([O-])(=O)=O)c5cc(ccc35)S([O-])(=O)=O)c2c1)c1ccc(cc41)S([O-])(=O)=O
Name:	ZnPcS3C16
Method:	Fluorescence Microscopy
References:	328
Structure:	CCCCCCCCCCCCCCCC#Cc1ccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccc(cc56)S([O-])(=O)=O)c5cc(ccc35)S([O-])(=O)=O)c2c1)c1ccc(cc41)S([O-])(=O)=O
Name:	Dansyl-TPA
Method:	Fluorescence Microscopy
References:	330
Structure:	CC1C(OC(=O)CCCCCCCCCCCCNS(=O)(=O)c2cccc3c(cccc23)N(C)C)C2(OC(C)=O)C(C3C=C(CO)CC4(O)C(C=C(C)C4=O)C13O)C2(C)C
Name:	Ergocalciferol; Vitamin D2
Method:	Cell Fractionation
References:	343
Structure:	CC(C)C(C)\C=C\C(C)C1CCC2C1(C)CCC\C2=

	C/C=C1\CC(O)CCC1=C
Name:	Cholecalciferol; Vitamin D3
Method:	Cell Fractionation
References:	343
Structure:	CC(C)CCCC(C)C1CCC2C1(C)CCC\C2=C/C=C1\CC(O)CCC1=C
Name:	Oxyethylene-rich Zn(II)-Phthalocyanine Derivative 4
Method:	Fluorescence Microscopy
References:	382
Structure:	COCCOCCOCCOc1cc(COc2cccc3c4nc5nc(nc6n7[Zn]n4c(nc4nc(nc7c7ccccc67)c6ccccc46)c23)c2ccccc52)cc(OCCOCCOCCOC)c1OCCOCCOCCOC
Name:	Oxyethylene-rich Zn(II)-Phthalocyanine Derivative 5
Method:	Fluorescence Microscopy
References:	382
Structure:	COCCOCCOCCOc1cc(COc2ccc3c4nc5nc(nc6n7[Zn]n4c(nc4nc(nc7c7ccccc67)c6ccccc46)c3c2)c2ccccc52)cc(OCCOCCOCCOC)c1OCCOCCOCCOC
Name:	Oxyethylene-rich Zn(II)-Phthalocyanine Derivative 8
Method:	Fluorescence Microscopy
References:	382
Structure:	COCCOCCOCCOc1cc(COc2ccc(OCc3cc(OCCOCCOCCOC)c(OCCOCCOCCOC)c(OCCOCCOCCOC)c3)c3c4nc5nc(nc6n7[Zn]n4c(nc4nc(nc7c7ccccc67)c6ccccc46)c23)c2ccccc52)cc(OCCOCCOCCOC)c1OCCOCCOCCOC
Name:	DCHQ Derivative 1
Method:	Fluorescence Microscopy
References:	452
Structure:	Oc1c(CN2CCOCCOCCN(CCOCCOCC2)Cc2ccc3cccnc3c2O)ccc2cccnc12
Name:	Porphyrazine A4 Derivative 5
Method:	Fluorescence Microscopy
References:	410
Structure:	COCCOCCOCCOCCSc1c(SCCOCCOCCOCCOC)c2nc1nc1[nH]c(nc3nc(nc4[nH]c(n2)c(SCCOCCOCCOCCOC)c4SCCOCCOCCOCCOC)c(SCCOCCOCCOCCOC)c3SCCOCCOCCOCCOC)c(SCCOCCOCCOCCOC)c1SCCOCCOCCOCCOC
Name:	Porphyrazine A4 Derivative 8
Method:	Fluorescence Microscopy
References:	410
Structure:	COCCOCCOCCOCCSc1c(SCCOCCOCCOCCOC)c2nc1nc1c(SCCOCCOCCOCCOC)c(SCCOCCOCCOCCOC)c3nc4nc(nc5c(SCCOCCOCCOCCOC)c(SCCOCCOCCOCCOC)c(n2)n5[Zn]n13)c(SCCOCCOCCOCCOC)c4SCCOCCOCCOCCOC

Name:	Porphyrazine A3B Derivative 6
Method:	Fluorescence Microscopy
References:	410
Structure:	COCCOCCOCCOCCSc1c(SCCOCCOCCOCCOC)c2nc1nc1[nH]c(nc3nc(nc4[nH]c(n2)c2c(OC(C)C)ccc(OC(C)C)c42)c(SCCOCCOCCOCCOC)c3SCCOCCOCCOCCOC)c(SCCOCCOCCOCCOC)c1SCCOCCOCCOCCOC
Name:	Porphyrazine A3B Derivative 9
Method:	Fluorescence Microscopy
References:	410
Structure:	COCCOCCOCCOCCSc1c(SCCOCCOCCOCCOC)c2nc1nc1c(SCCOCCOCCOCCOC)c(SCCOCCOCCOCCOC)c3nc4nc(nc5n([Zn]n13)c(n2)c1c(OC(C)C)ccc(OC(C)C)c51)c(SCCOCCOCCOCCOC)c4SCCOCCOCCOCCOC
Name:	Porphyrazine A2B2 Derivative 7
Method:	Fluorescence Microscopy
References:	410
Structure:	COCCOCCOCCOCCSc1c(SCCOCCOCCOCCOC)c2nc1nc1[nH]c(nc3nc(nc4[nH]c(n2)c2c(OC(C)C)ccc(OC(C)C)c42)c(SCCOCCOCCOCCOC)c3SCCOCCOCCOCCOC)c2c(OC(C)C)ccc(OC(C)C)c12
Name:	Porphyrazine A2B2 Derivative 10
Method:	Fluorescence Microscopy
References:	410
Structure:	COCCOCCOCCOCCSc1c(SCCOCCOCCOCCOC)c2nc1nc1n3[Zn]n4c(n2)c2c(OC(C)C)ccc(OC(C)C)c2c4nc2nc(nc3c3c(OC(C)C)ccc(OC(C)C)c13)c(SCCOCCOCCOCCOC)c2SCCOCCOCCOCCOC
Name:	Pentaphyrin Derivative 1; isopentaphyrin
Method:	Fluorescence Microscopy
References:	399
Structure:	CCC1=C(C)\C2=C\C3=N\C(\C=C3)=C(c3ccccc3)\c3ccc(\C=C4[NH2+]C(=C/c5[nH]c(/C=C/1[NH2+]2)c(CC)c5CC)\C(CC)=C/4C)[nH]3
Name:	Pentaphyrin Derivative 2; pentaphyrin
Method:	Fluorescence Microscopy
References:	399
Structure:	CCC1=C(C)C2=N\C\1=C\c1[nH]c(\C=C3/N=C(C=C4C=CC(=N4)C(c4ccccc4)=C4NC(C=C4)=C2)C(C)=C/3CC)c(CC)c1CC
Name:	TPP(p-Deg-OH)3
Method:	Fluorescence Microscopy
References:	409
Structure:	OCCOCCOc1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(OCCOCCO)cc2)c2ccc([nH]2)c(-c2ccc(OCCOCCO)cc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	TPP(p-Deg-O-ß-GalOH)3

Method:	Fluorescence Microscopy
References:	409
Structure:	OC[C@@H]1O[C@@H](OCCOCCOc2ccc(cc2)-c2c3ccc(n3)c(-c3ccccc3)c3ccc([nH]3)c(-c3ccc(OCCOCCO[C@@H]4O[C@@H](CO)[C@@H](O)[C@H](O)[C@@H]4O)cc3)c3ccc(n3)c(-c3ccc(OCCOCCO[C@@H]4O[C@@H](CO)[C@@H](O)[C@H](O)[C@@H]4O)cc3)c3ccc2[nH]3)[C@@H](O)[C@@H](O)[C@@H]1O
Name:	m-1c
Method:	Fluorescence Microscopy
References:	422
Structure:	O[C@@H]1CO[C@@H](Oc2cccc(c2)-c2c3CCc([nH]3)c(-c3cccc(O[C@@H]4OC[C@@H](O)[C@H](O)[C@H]4O)c3)c3ccc(n3)c(-c3cccc(O[C@@H]4OC[C@@H](O)[C@H](O)[C@H]4O)c3)c3ccc([nH]3)c(-c3cccc(O[C@@H]4OC[C@@H](O)[C@H](O)[C@H]4O)c3)c3ccc2n3)[C@H](O)[C@H]1O
Name:	Iejimalide Derivative 7b
Method:	Fluorescence Microscopy
References:	423
Structure:	CCN(CC)c1ccc2C=C(NC(=O)OCC(NC=O)C(=O)NC\C(C)=C\C=C(/C)C3OC(=O)\C(C)=C\C(C)\C=C\C(C)=C\C(C\C=C\C(C)=C/CCC(OC)\C=C\C=C\C3C)OC)C(=O)Oc2c1
Name:	Ruthenium-Porphyrin Derivative 2
Method:	Fluorescence Microscopy
References:	425
Structure:	Cl[Ru](Cl)(N1CC=C(C=C1)c1c2ccc(n2)c(C2=CCN(C=C2)[Ru](Cl)(Cl)c2ccc(cc2)-c2ccccc2)c2ccc([nH]2)c(C2=CCN(C=C2)[Ru](Cl)(Cl)c2ccc(cc2)-c2ccccc2)c2ccc(n2)c(C2=CCN(C=C2)[Ru](Cl)(Cl)c2ccc(cc2)-c2ccccc2)c2ccc1[nH]2)c1ccc(cc1)-c1ccccc1
Name:	SIM01
Method:	Fluorescence Microscopy
References:	426
Structure:	Oc1cc(O)cc(c1)-c1c2CCc(cc3ccc([nH]3)c(-c3cc(O)cc(O)c3)c3ccc(cc4ccc1[nH]4)n3)n2
Name:	Glycosylated Zn(II) Phthalocyanine Derivative 9
Method:	Fluorescence Microscopy
References:	536
Structure:	CC1(C)OC2OC(COc3cccc4c5nc(N=c6n7[Zn]n8c(=Nc9nc(N=c7c7c(OCC%10OC%11OC(C)(C)OC%11C%11OC(C)(C)OC%10%11)cccc67)c6cccc(OCC7OC%10OC(C)(C)OC%10C%10OC(C)(C)OC7%10)c96)c6cccc(OCC7OC9OC(C)(C)OC9C9OC(C)(C)OC79)c6c8=N5)c34)C3OC(C)(C)OC3C2O1
Name:	Glycosylated Zn(II) Phthalocyanine Derivative 17
Method:	Fluorescence Microscopy
References:	536
Structure:	CC1(C)OC2OC(COc3cccc4c5nc(N=c6n7[Zn]n8c(=Nc9nc(N=c7c7ccccc67)c6ccccc96)c6ccccc6c8=N5)c34)C3OC(C)(C)OC3C2O1
Name:	Glycosylated Zn(II) Phthalocyanine Derivative 19
Method:	Fluorescence Microscopy
References:	536
Structure:	CC1(C)OC2OC(COc3ccc4c5nc(N=c6n7[Zn]n8c(=Nc9nc(N=c7c7ccccc67)c6ccccc96)c6ccccc6c8=N5)c4c3)C3OC(C)(C)OC3C2O1
Name:	Mono-Substituted Amphiphilic Zn(II) Phthalocyanine Derivative 3
Method:	Fluorescence Microscopy
References:	442
Structure:	CN(C)CC(C[NH+](C)C)Oc1ccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccccc56)c5ccccc35)c2c1)c1ccccc41
Name:	Mono-Substituted Amphiphilic Zn(II) Phthalocyanine Derivative 4
Method:	Fluorescence Microscopy
References:	442
Structure:	CN(C)CC(C[NH+](C)C)Oc1cccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccccc56)c5ccccc35)c12)c1ccccc41
Name:	Mono-Substituted Amphiphilic Zn(II) Phthalocyanine Derivative 5
Method:	Fluorescence Microscopy
References:	442
Structure:	C[N+](C)(C)CC(C[N+](C)(C)C)Oc1ccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccccc56)c5ccccc35)c2c1)c1ccccc41
Name:	Mono-Substituted Amphiphilic Zn(II) Phthalocyanine Derivative 6
Method:	Fluorescence Microscopy
References:	442
Structure:	C[N+](C)(C)CC(C[N+](C)(C)C)Oc1cccc2c3nc4nc(nc5n6[Zn]n3c(nc3nc(nc6c6ccccc56)c5ccccc35)c12)c1ccccc41
Name:	NiNc
Method:	Distr.others
References:	470
Structure:	CCCCOc1c2ccccc2c(OCCCC)c2c3nc4[n+]5c(nc6n7c(nc8[n+]9c(nc(n3[Ni--]579)c12)c1c(OCCCC)c2ccccc2c(OCCCC)c81)c1c(OCCCC)c2ccccc2c(OCCCC)c61)c1c(OCCCC)c2ccccc2c(OCCCC)c41
Name:	DB607
Method:	Fluorescence Microscopy
References:	472
Structure:	COc1ccc(cc1)-c1ccc(o1)-

	c1ccc(cc1)C(N)=[NH2+]
Name:	4-Hydroxymethyl-3- aminoacridine Derivative 1
Method:	Fluorescence Microscopy
References:	478
Structure:	Nc1ccc2cc3ccccc3nc2c1CO
Name:	4-Hydroxymethyl-3- aminoacridine Derivative 2
Method:	Fluorescence Microscopy
References:	478
Structure:	CNc1ccc2cc3ccccc3nc2c1CO
Name:	4-Hydroxymethyl-3- aminoacridine Derivative 3
Method:	Fluorescence Microscopy
References:	478
Structure:	CN(C)c1ccc2cc3ccccc3nc2c1CO
Name:	O^6-Benzylguanine-Oregon Green
Method:	Fluorescence Microscopy

References:	495
Structure:	Nc1nc(OCc2ccc(CNC(=O)c3ccc(c(c3)C([O-])=O)C3=C4C=C(F)C(=O)C=C4Oc4cc(O)c(F)cc34)cc2)c2nc[nH]c2n1
Name:	Eu2(LC3)3
Method:	Fluorescence Microscopy
References:	499
Structure:	COCCOCCOCCn1c-2nc3cc(Cc4ccc5n(CCOCCOCCOC)c(nc5c4)-c4cccc(n4)C(=O)O[Eu]456(OC(=O)c7cccc-2n7)OC(=O)c2cccc(n2)-c2nc7cc(Cc8ccc9n(CCOCCOCCOC)c(nc9c8)-c8cccc(n8)C(=O)O4)ccc7n2CCOCCOCCOC)ccc13.COCCOCCOCCn1c(nc2cc(Cc3ccc4n(CCOCCOCCOC)c(nc4c3)-c3cccc(n3)C(=O)O5)ccc12)-c1cccc(n1)C(=O)O6
Name:	Pi-Extended Squaraines Derivative 2a
Method:	Fluorescence Microscopy
References:	507
Structure:	COCCOCCOCn1c(\C=C\c2ccncc2)ccc1C1=C([O-])\C(C1=O)=C1/C=CC(\C=C\c2ccncc2)=[N+]/1COCCOCCOC

Supplemental Table 7: The chemical compounds with multiple reported subcellular localization sites. Localization 1: endo-lysosomes; 2: mitochondria; 3: nucleus; 4: plasma membrane; 5: endoplasmic reticulum and Golgi apparatus; and 6: cytosol. References information is available in Supplemental Table 10. Structure is presented as the Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.

Name:	A1301; Acridine orange
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	Invi.
Structure:	CN(C)c1ccc2cc3ccc(cc3[nH+]c2c1)N(C)C
Name:	Fluoxetine
Localization:	1,2
Method:	Pharmacological Effect
References:	2, 4, 6
Structure:	C[NH2+]CCC(Oc1ccc(cc1)C(F)(F)F)c1ccccc1
Name:	D23107; dihydroethidium (hydroethidine)
Localization:	2, 3
Method:	Fluorescence Microscopy
References:	667
Structure:	CCN1C(c2ccccc2)c2cc(N)ccc2-c2ccc(N)cc12
Name:	N1142; Nile red

Localization:	1, 3, 4
Method:	Fluorescence Microscopy
References:	122
Structure:	CCN(CC)c1ccc2N=C3C(Oc2c1)=CC(=O)c1ccccc31
Name:	Quinine
Localization:	1, 2
Method:	Fluorescence Microscopy/Cell Fractionation
References:	5, 127; 264
Structure:	COc1ccc2nccc(C(O)C3CC4CC[NH+]3CC4C=C)c2c1
Name:	Trifluoperazine (TFP)
Localization:	1, 2
Method:	Pharmacological Effect
References:	4
Structure:	CN1C=CN(CCCN2c3ccccc3Sc3ccc(cc23)C(F)(F)F)C=C1

Name:	T204; 1-(4-trimethylammoniumphenyl)-6-phenyl- 1,3,5-hexatriene p-toluenesulfonate; TMA-DPH
Localization:	1, 4
Method:	Fluorescence Microscopy
References:	108
Structure:	C[N+](C)(C)c1ccc(cc1)\C=C\C=C\C=C\c1ccccc1
Name:	H7593; Hexidium iodide
Localization:	3, 6
Method:	NA
References:	Invi.
Structure:	CCCCCC[n+]1c(-c2ccccc2)c2cc(N)ccc2c2ccc(N)cc12
Name:	D273; 3,3'-dihexyloxacarbocyanine iodideDiOC6(3)
Localization:	2, 5
Method:	NA
References:	Invi.
Structure:	CCCCCCN1\C(Oc2ccccc12)=C\C=C\c1oc2ccccc2[n+]1CCCCCC
Name:	R648MP; rhodamine B, hexyl ester, perchlorate (R6)
Localization:	2, 6
Method:	Fluorescence Microscopy
References:	677
Structure:	CCCCCCOC(=O)c1ccccc1C1=C2C=CC(C=C2Oc2cc(ccc12)N(CC)CC)=[N+](CC)CC
Name:	D13951; N-(4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-pentanoyl)sphingosyl 1-beta-D-lactoside; BODIPY® FL C5-lactosylceramide
Localization:	4, 5
Method:	NA
References:	Invi.
Structure:	CCCCCCCCCCCCC\C=C/C(O)C(COC1OC(CO)C(OC2OC(CO)C(O)C(O)C2O)C(O)C1O)NC(=O)CCCCc1ccc2C=C3C(C)=CC(C)=[N+]3[B-](F)(F)n12
Name:	Proflavine
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	127
Structure:	Nc1ccc2cc3ccc(N)cc3[nH+]c2c1
Name:	Euchrysine
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	127
Structure:	Cc1cc2c(C)c3cc(C)c(N)cc3[nH+]c2cc1N
Name:	Acridine orange R
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	127
Structure:	CN(C)c1ccc2cc3cccc(N(C)C)c3nc2c1
Name:	BBDX
Localization:	2, 4
Method:	Fluorescence Microscopy
References:	55
Structure:	CN(C)c1ccc2c(Oc3cc(ccc3C2(O)c2cc(C)c(N(C)C)c(C)c2)N(C)C)c1
Name:	Promethazine
Localization:	2, 5, 6
Method:	histo
References:	66
Structure:	CC(CN1c2ccccc2Sc2ccccc12)[NH+](C)C
Name:	HDAO; 3,6-Bis(dimethylamino)-10-hexadecylacridinium bromide; acridine orange 10-hexadecyl bromide
Localization:	2, 6
Method:	Fluorescence Microscopy
References:	72
Structure:	CCCCCCCCCCCCCCCC[n+]1c2cc(ccc2cc2ccc(cc12)N(C)C)N(C)C
Name:	TPPS4; 5,10,15,20-tetra(4-sulfonatophenyl)porphine
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	84
Structure:	[O-]S(=O)(=O)c1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(cc2)S([O-])(=O)=O)c2ccc([nH]2)c(-c2ccc(cc2)S([O-])(=O)=O)c2ccc([nH]2)c(-c2ccc(cc2)S([O-])(=O)=O)c2ccc1n2
Name:	Merocyanine 540
Localization:	1, 2, 4
Method:	Fluorescence Microscopy
References:	93
Structure:	CCCCN1C(=O)N(CCCC)C(=O)C(=C\C=C\C=C2/Oc3ccccc3N2CCCS([O-])(=O)=O)C1=O
Name:	SnET2
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	99
Structure:	CCOC(=O)C1=Cc2c3n4c(cc5nc(cc6c(CC)c(C)c(cc7nc2c(C)c7CC)n6[Sn]4(Cl)Cl)c(C)c5CC)C(C)C13CC
Name:	Curcurmin
Localization:	3, 4
Method:	Fluorescence Microscopy
References:	133
Structure:	COc1cc(ccc1O)\C=C\C(=O)CC(=O)\C=C\c1ccc(O)c(OC)c1
Name:	Edelfosine
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	170

Structure:	CCCCCCCCCCCCCCCCCCCOCC(COP([O-])(=O)OCC[N+](C)(C)C)OC
Name:	Toluidine Blue
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	171
Structure:	Cc1cc2N=C3C=CC(C=C3Sc2cc1N)=[N+](C)C
Name:	Levorphanol
Localization:	2, 3
Method:	Cell Fractionation
References:	174
Structure:	C[NH+]1CCC23CCCCC2C1Cc1ccc(O)cc31
Name:	BODIPY-labeled Polyamide 1
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	176
Structure:	C[NH+](CCCNC(=O)CCCCCNC(=O)CCC1=[N+]2C(C=C1)=Cc1c(C)cc(C)n1[B-]2(F)F)CCCNC(=O)CCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7cc(NC(=O)c8nccn8C)cn7C)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	M-129
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	173
Structure:	CC(CN1c2ccccc2C(=O)c2ccccc12)[NH+](C)C
Name:	Motexafin Gadolinium
Localization:	1, 2, 5
Method:	Fluorescence Microscopy
References:	184
Structure:	CCO.CCC1=C(CC)/C2=C/C3=N/C(=C\N=C4\C=C(OCCOCCOCCOC)C(OCCOCCOCCOC)=C\C\4=N\C=C4/N=C(/C=C\1N2[Gd]([O-])OC(C)=O)C(CCCO)=C/4C)/C(C)=C3CCCO
Name:	HB; Hypocrellin B
Localization:	1, 4
Method:	Fluorescence Microscopy
References:	186
Structure:	COC1=CC(=O)c2c(O)c(OC)c3CC(C)=C(C(C)=O)c4c(OC)c(O)c5C(=O)C=C(OC)c6c1c2c3c4c56
Name:	HBEA-R1; Ethanolaminated HB
Localization:	1, 4
Method:	Fluorescence Microscopy
References:	186
Structure:	COC1=CC(=O)c2c(NCCO)c(OC)c3CC(C)=C(C(C)=O)c4c(OC)c(NCCO)c5C(=O)C=C(OC)c6c1c2c3c4c56

Name:	HBBA-R2; Butylaminated HB
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	186
Structure:	CCCCNc1cc(OC)c2c3c1C(=O)C(OC)=C1CC(C)=C(C(C)=O)C4=C(OC)C(=O)c5c(NCCCC)cc(OC)c2c5c4c31
Name:	BPD-MA
Localization:	2, 3
Method:	Fluorescence Microscopy
References:	210
Structure:	CCOC(=O)C1C(=CC=C2c3cc4[nH]c(cc5nc(cc6[nH]c(cc(n3)C12C)c(C=C)c6C)c(C)c5CCC([O-])=O)c(CCC([O-])=O)c4C)C(=O)OCC
Name:	Guanidine Porphyrin
Localization:	1, 2, 5
Method:	Fluorescence Microscopy
References:	211
Structure:	NC(N)=Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	Biguanidine Porphyrin
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	211
Structure:	N[C+](N)\N=C(/N)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	Pc4
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	214
Structure:	NC1=NC(=O)N(C=C1)C1OC(COP([O-])(=O)OC2C(O)C(COP([O-])(=O)OC3C(O)C(COP([O-])(=O)OC4C(O)C(COP([O-])([O-])=O)OC4N4C=CC(N)=NC4=O)OC3N3C=CC(N)=NC3=O)OC2N2C=CC(N)=NC2=O)C(O)C1O
Name:	Zn-BC-AM
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	216
Structure:	CCc1c(CC)c2cc3c(CC)c(CC)c4n3[Zn]n3c(cc5nc6c(cc(cc46)[C+](N)N)C5(CC)CC)c(CC)c(CC)c3cc1n2
Name:	PPME
Localization:	1, 5, 6
Method:	Fluorescence Microscopy
References:	222
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC(=O)OC)C4C)c4CC(=O)C5C(C)c(cc1n2)[nH]c45)c(C)c3C=C

Name:	CIBC Derivative 3
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(OC)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)OCCOCCO
Name:	CIBC Derivative 4
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(OC)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)OCCOCCOCCO
Name:	CIBC Derivative 6
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(OC)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)OCCOC
Name:	CIBC Derivative 8
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(N(C)C)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)=O
Name:	CIBC Derivative 9
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(N)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)=O
Name:	CIBC Derivative 11
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	227
Structure:	CCC1C(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(NC(=O)c5cc[n+](C)cc5)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C(C)=O
Name:	CICD Derivative 1; 13,15-N-cycloimide Derivatives of Chlorin p6
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	86
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(CCCO)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C=C
Name:	CICD Derivative 2; 13,15-N-cycloimide Derivatives of Chlorin p7
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	86
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(CCO)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C=C
Name:	CICD Derivative 3; 13,15-N-cycloimide Derivatives of Chlorin p8
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	86
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC([O-])=O)C4C)c4C(=O)N(OC(C)=O)C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C=C
Name:	CICD Derivative 4; 13,15-N-cycloimide Derivatives of Chlorin p9
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	86
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC(=O)OC)C4C)c4C(=O)N([O-])C(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C=C
Name:	Pyropheophorbide-a Derivative 8
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	92
Structure:	CCCCCCCCOC(C)c1c(C)c2cc3nc(C(CCC([O-])=O)C3C)c3CC(=O)c4c(C)c(cc5nc(cc1[nH]2)c(C)c5CC)[nH]c34
Name:	Pyropheophorbide-a Derivative 10
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	92
Structure:	CCCCCCCCCCOC(C)c1c(C)c2cc3nc(C(CCC([O-])=O)C3C)c3CC(=O)c4c(C)c(cc5nc(cc1[nH]2)c(C)c5CC)[nH]c34
Name:	Pyropheophorbide-a Derivative 12
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	92
Structure:	CCCCCCCCCCCCOC(C)c1c(C)c2cc3nc(C(CCC([O-])=O)C3C)c3CC(=O)c4c(C)c(cc5nc(cc1[nH]2)c(C)c5CC)[nH]c34
Name:	MPPa; Pyropheophorbide-a methyl ester
Localization:	1, 2, 3, 5
Method:	Fluorescence Microscopy
References:	94
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC(=O)OC)C4C)c4CC(=O)c5c(C)c(cc1n2)[nH]c45)c(C)c3C=C

Name:	CAME (Chlorin e6 triacetoxymethyl ester) (Lysosomes)
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	98
Structure:	CCc1c(C)c2cc3[nH]c(cc4nc(C(CCC(=O)OCOC(C)=O)C4C)c(CC(=O)OCOC(C)=O)c4nc(cc1[nH]2)c(C)c4C(=O)OCOC(C)=O)c(C)c3C=C
Name:	Deuteroporphyrin
Localization:	4, 6
Method:	Fluorescence Microscopy
References:	125
Structure:	Cc1cc2cc3nc(cc4[nH]c(cc5[nH]c(cc5C)cc1n2)c(C)c4CCC([O-])=O)c(CCC([O-])=O)c3C
Name:	Thiamine
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	238
Structure:	Cc1ncc(C[n+]2csc(CCO)c2C)c(N)n1
Name:	F-DDP
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	240
Structure:	Oc1ccc2C(C3C=CC(=O)C=C3Oc2c1)c1ccc(cc1C([O-])=O)C(=O)NCC1C[NH2+][Pt--](Cl)(Cl)N1
Name:	Grepafloxacin
Localization:	3, 4
Method:	Fluorescence Microscopy
References:	242
Structure:	CC1CN(CC[NH2+]1)c1cc2N(C=C(C([O-])=O)C(=O)c2c(C)c1F)C1CC1
Name:	Distamycin Analogue 10
Localization:	2, 6
Method:	Fluorescence Microscopy
References:	258
Structure:	C[NH+](C)CCCNC(=O)c1cc(NC(=C)c2cc(NC(=O)c3cc(NC=O)cn3C)cn2CCNC(=O)OC2c3ccccc3-c3ccccc23)cn1C
Name:	Purpurinimide Carbohydrate Conjugate 3
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	263
Structure:	CCCCCCN1C(=O)c2c(C)c3cc4nc(cc5[nH]c(cc6nc(C(CCC(=O)OC)C6C)c(C1=O)c2[nH]3)c(C)c5C)c(COC1OC(CO)C(OC2OC(CO)C(O)C(O)C2O)C(O)C1O)c4CC
Name:	Fluoromycin
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	279
Structure:	CC(O)C(NC(=O)CC(O)C(C)NC(=O)C(NC(=O)c1nc(nc(N)c1C)C(CC(N)=O)NCC([NH3+])C(N)=O)C(OC1OC(CO)C(O)C(O)C1OC1OC(CO)C(O)C(OC(N)=O)C1O)c1c[nH]cn1)C(=O)NC(OC1OC(C)C([NH3+])C(O)C1O)C(O)c1nc(cs1)-c1nc(cs1)C(=O)NCCCCNC(=S)[N-]F
Name:	TMR-Se
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	295
Structure:	CN(C)c1ccc2c([Se]C3=CC(C=CC3=C2c2ccccc2)=[N+](C)C)c1
Name:	8-oxoguanine
Localization:	2, 3
Method:	Fluorescence Microscopy
References:	296
Structure:	NC1=NC(=O)C2=NC(=O)N=C2N1
Name:	TMPyP; meso-tetra(4-N-methylpyridyl)porphyrin
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	299
Structure:	C[n+]1ccc(cc1)-c1c2ccc(n2)c(-c2cc[n+](C)cc2)c2ccc([nH]2)c(-c2cc[n+](C)cc2)c2ccc([nH]2)c(-c2cc[n+](C)cc2)c2ccc1n2
Name:	PF-TMRos
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	306
Structure:	CN(C)c1ccc2c(OC3=CC(C=CC3=C2c2c(F)c(F)c(F)c(F)c2F)=[N+](C)C)c1
Name:	PEG-HPPt; diammine{7,12-bis[1-(polyethyleneglycol-750-monomethylether-1-yl)ethyl]-3,8,13,17-2,18-dipropionato}platinum(II)tetramethylporphyrin-
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	313
Structure:	COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC(C)c1c(C)c2cc3[nH]c(cc4nc5cc6[nH]c(cc1n2)c(C)c6CCC(=O)O[Pt--](N)(N)OC(=O)Cc5c4C)c(C)c3C(C)OCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC
Name:	PEG-HP; 7,12-bis[1-(polyethyleneglycol-750-monomethylether-1-yl)ethyl]-3,8,13,17-tetramethylporphyrin-2,18-dipropionic acid
Localization:	4, 5
Method:	Fluorescence Microscopy
References:	313
Structure:	COCCOCCOCCOCCOCCOCCOCCOCCOC

	COCCOCCOCCOCCOCCOCCOCCOCCOC(C)c1c(C)c2cc3[nH]c(cc4nc(cc5[nH]c(cc1n2)c(C)c5CCC([O-])=O)c(CC([O-])=O)c4C)c(C)c3C(C)OCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC
Name:	DEHP
Localization:	2, 5
Method:	histo
References:	322
Structure:	CCCCC(CC)COC(=O)c1ccccc1C(=O)OCC(CC)CCCC
Name:	C1311
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	326
Structure:	CC[NH+](CC)CCNc1ccc2ncn3-c4ccc(O)cc4C(=O)c1c23
Name:	RP 38422
Localization:	1, 3
Method:	Cell Fractionation
References:	331
Structure:	COC(=O)CSCC(=O)C1(O)CC(OC2CC([NH3+])C(O)C(C)O2)c2c(O)c3C(=O)c4c(OC)cccc4C(=O)c3c(O)c2C1
Name:	RP 21080
Localization:	1, 3
Method:	Cell Fractionation
References:	331
Structure:	COc1cccc2C(=O)c3c(O)c4CC(O)(CC(OC5CCC([NH3+])C5)c4c(O)c3C(=O)c12)C(C)=O
Name:	SnEBC
Localization:	1, 4
Method:	Pharmacological Effect
References:	332
Structure:	CCc1c(C)c2cc3c(CC)c(C)c4n3[SnH2]n3c(cc1n2)c(C)c(CC)c3cc1nc2c(cc(cc42)S([O-])(=O)=O)C1(C)CC
Name:	Porphyrin-Retinamide Derivative 4
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	352
Structure:	CC(\C=C\C1=C(C)CCCC1(C)C)=C/C=C/C(C)=C/C(=O)NCCOCCOCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)C1=C2\C=CC(=N\2)/C(c2ccccc2)=C2NC(/C=C\2)=C(c2ccccc2)\C2=N\C(/C=C2)=C(/C2[NH2+]C\1C=C2)c1ccccc1
Name:	Porphyrin-Retinamide Derivative 5
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	352
Structure:	CC(\C=C\C1=C(C)CCCC1(C)C)=C/C=C\C(C

	)=C/C(=O)NCCOCCOCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)C1=C2\C=CC(=N\2)/C(c2ccccc2)=C2NC(/C=C\2)=C(c2ccccc2)\C2=N\C(/C=C2)=C(/C2[NH2+]C\1C=C2)c1ccccc1
Name:	Porphyrin-Peptide Conjugate 2
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	378
Structure:	CC(C)C(NC(=O)C(CCCC[NH3+])NC(=O)C(CCCNC(N)=[NH2+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C(CCCC[NH3+])NC(=O)C1CCCN1C(=O)C1CCCN1C(=O)C(C)NC(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2)C(=O)NC(CCC([O-])=O)C(=O)NC(CC([O-])=O)C(=O)N1CCCC1C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCC[NH3+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCC(N)=O)C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)NC(CCCNC(N)=[NH2+])C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(CCC(N)=O)C(=O)NCC([O-])=O
Name:	Si(sol)2PC
Localization:	4, 6
Method:	Fluorescence Microscopy
References:	379
Structure:	CC1(C)OCC(CO[Si]2(OCC3COC(C)(C)O3)N3C4\N=C5/N=C(/N=C6\N2\C(=N/C2=N/C(=N\C3c3ccccc43)c3ccccc23)c2ccccc62)c2ccccc52)O1
Name:	PS6A
Localization:	1, 2, 5
Method:	Fluorescence Microscopy
References:	400
Structure:	CCCc1cc2cc3[nH]c(cc4nc(cc4CCC)cc4[nH]c(cc4CCC)cc1n2)c(c3CCC)S(=O)(=O)N(C)CCCCCC[N+](C)(C)C
Name:	PEG-Functionalized meso-TPP Conjugate 6
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	393
Structure:	[O-]C(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccccc2)c2ccc1[nH]2
Name:	PEG-Functionalized meso-TPP Conjugate 7
Localization:	2, 5
Method:	Fluorescence Microscopy
References:	393

Structure:	[O-]C(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccccc2)c2ccc(n2)c(-c2ccc(NC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCC([O-])=O)cc2)c2ccc1[nH]2
Name:	PEG-Functionalized meso-TPP Conjugate 8
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	393
Structure:	[O-]C(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccccc2)c2ccc([nH]2)c(-c2ccc(NC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCC([O-])=O)cc2)c2ccc(n2)c(-c2ccc(NC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCC([O-])=O)cc2)c2ccc1[nH]2
Name:	PEG-Functionalized meso-TPP Conjugate 9
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	393
Structure:	[O-]C(=O)COCCOCCOCCOCCOCCOCCNC(=O)COCC(=O)Nc1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(NC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCC([O-])=O)cc2)c2ccc([nH]2)c(-c2ccc(NC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCC([O-])=O)cc2)c2ccc(n2)c(-c2ccc(NC(=O)COCC(=O)NCCOCCOCCOCCOCCOCCOCC([O-])=O)cc2)c2ccc1[nH]2
Name:	SNAFR-1
Localization:	2, 3, 5
Method:	Fluorescence Microscopy
References:	417
Structure:	Oc1ccc2c(OC3=CC=C4C(=O)C=CC=C4C3=C2c2ccccc2)c1
Name:	TPYR-PP
Localization:	4, 6
Method:	Fluorescence Microscopy
References:	436
Structure:	CCCCCCCCCCCCCCCCOc1ccc(cc1)-c1c2ccc(n2)c(-c2ccncc2)c2ccc([nH]2)c(-c2ccncc2)c2ccc(n2)c(-c2ccncc2)c2ccc1[nH]2
Name:	C16-TTP
Localization:	4, 6
Method:	Fluorescence Microscopy
References:	436
Structure:	CCCCCCCCCCCCCCCCOc1ccc(cc1)-c1c2ccc(n2)c(-c2ccc(C)cc2)c2ccc([nH]2)c(-c2ccc(C)cc2)c2ccc(n2)c(-c2ccc(C)cc2)c2ccc1[nH]2
Name:	Berberine
Localization:	2, 3, 6
Method:	Fluorescence Microscopy
References:	473
Structure:	COc1ccc2cc3-c4cc5OCOc5cc4CC[n+]3cc2c1OC
Name:	CO-1
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	474
Structure:	CN1C(=O)C=C2c3ccccc3C(=O)c3c(NCC[NH+](C)C)ccc1c23
Name:	CO-3
Localization:	1, 4
Method:	Fluorescence Microscopy
References:	474
Structure:	CN1C(=O)C=C2c3ccccc3C(=O)c3c(NCCC[NH+](C)C)ccc1c23
Name:	CO-4
Localization:	1, 5
Method:	Fluorescence Microscopy
References:	474
Structure:	CC[NH2+]CCNc1ccc2N(C)C(=O)C=C3c4cccc4C(=O)c1c23
Name:	CO-5
Localization:	1, 6
Method:	Fluorescence Microscopy
References:	474
Structure:	CC[NH+](CC)CCNc1ccc2N(C)C(=O)C=C3c4ccccc4C(=O)c1c23
Name:	CO-6
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	474
Structure:	CN1C(=O)C=C2c3ccccc3C(=O)c3c(NCC[NH2+]CCO)ccc1c23
Name:	CO-7
Localization:	1, 3
Method:	Fluorescence Microscopy
References:	474
Structure:	CN1C(=O)C=C2c3ccccc3C(=O)c3c(NCC[NH3+])ccc1c23
Name:	4-Hydroxymethyl-3- aminoacridine Derivative 13
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	478
Structure:	CCOC(=O)Nc1ccc2cc3ccc(N)c(CO)c3nc2c1
Name:	Polyamide-Bodipy FL Conjugate 1
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	480
Structure:	C[NH+](C)CCCNC(=O)CCNC(=O)c1cc(NC(

	=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7cc(NC(=O)c8nccn8C)cn7CCCNC(=O)CCC7=[N+]8C(C=C7)=Cc7c(C)cc(C)n7[B-]8(F)F)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide-Bodipy FL Conjugate 2
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	480
Structure:	C[NH+](C)CCCNC(=O)CCNC(=O)c1cc(NC(=O)c2cc(NC(=O)c3cc(NC(=O)c4cc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6cc(NC(=O)c7nc(NC(=O)c8nccn8C)cn7C)cn6CCCNC(=O)CCC6=[N+]7C(C=C6)=Cc6c(C)cc(C)n6[B-]7(F)F)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Polyamide-Bodipy FL Conjugate 3
Localization:	3, 6
Method:	Fluorescence Microscopy
References:	480
Structure:	C[NH+](C)CCCNC(=O)CCNC(=O)c1cc(NC(=O)c2nc(NC(=O)CCNC(=O)c3cc(NC(=O)c4nc(NC(=O)CCCNC(=O)c5cc(NC(=O)c6nc(NC(=O)CCNC(=O)c7cc(NC(=O)c8nccn8C)cn7CCCNC(=O)CCC7=[N+]8C(C=C7)=Cc7c(C)cc(C)n7[B-]8(F)F)cn6C)cn5C)cn4C)cn3C)cn2C)cn1C
Name:	Vecuronium
Localization:	2, 3
Method:	Cell Fractionation
References:	485
Structure:	CC(=O)OC1CC2CCC3C4CC(C(OC(C)=O)C4CCC3C2(C)CC1[NH+]1CCCCC1)[N+]1(C)CCCCC1
Name:	Org 6368
Localization:	2, 3
Method:	Cell Fractionation
References:	485
Structure:	CC(=O)OC1CC2CCC3C4CC(CC4CCC3C2(C)CC1[N+]1(C)CCCCC1)[N+]1(C)CCCCC1
Name:	Pancuronium
Localization:	1, 2
Method:	Cell Fractionation
References:	485
Structure:	CC(=O)OC1CC2CCC3C4CC(C(OC(C)=O)C4CCC3C2(C)CC1[N+]1(C)CCCCC1)[N+]1(C)CCCCC1
Name:	Ageladine A
Localization:	1, 4
Method:	Fluorescence Microscopy
References:	488
Structure:	Nc1[nH]c2cc(ncc2[nH+]1)-c1cc(Br)c(Br)[nH]1
Name:	Dimethyl-PEPEP
Localization:	2, 3
Method:	Fluorescence Microscopy
References:	502
Structure:	Cn1c(ccc1\C=C\c1cc[n+](C)cc1)\C=C\c1cc[n+](C)cc1
Name:	Chlorin 1
Localization:	1, 2, 5
Method:	Fluorescence Microscopy
References:	540
Structure:	OC1C(O)c2nc1c(-c1ccccc1)c1ccc([nH]1)c(-c1ccccc1)c1ccc(n1)c(-c1ccccc1)c1ccc([nH]1)c2-c1ccccc1
Name:	Chlorin 3
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	540
Structure:	OC1C(O)c2nc1c(-c1cccc(O)c1)c1ccc([nH]1)c(-c1cccc(O)c1)c1ccc(n1)c(-c1cccc(O)c1)c1ccc([nH]1)c2-c1cccc(O)c1
Name:	Chlorin 4
Localization:	1, 2
Method:	Fluorescence Microscopy
References:	540
Structure:	COc1cccc(c1)-c1c2nc(C(O)C2O)c(-c2cccc(OC)c2)c2ccc([nH]2)c(-c2cccc(OC)c2)c2ccc(n2)c(-c2cccc(OC)c2)c2ccc1[nH]2
Name:	HDAO
Localization:	2, 6
Method:	Fluorescence Microscopy
References:	72
Structure:	CCCCCCCCCCCCCCCCC[N+]1=C2C=C(C=CC2=CC2=C1C=C(C=C2)N(C)C)N(C)C

Supplemental Table 8: Summary of the subcellular localization data set.

Reported subcellular localization site	No. of molecules	%	No. of references
Endo-lysosomes	226	23.37	96
Mitochondria	259	26.78	136
Nucleus	123	12.72	67
Plasma membrane	162	16.75	75
ER/Galgi	37	3.83	26
Cytosol	59	6.10	59
Multiple localizations	101	10.44	71
Total	967	100	

Supplemental Table 9: Summary of experimental methods.

Experimental Methods		Count	Percentage (%)
Pharmacological effects		171	17.68
Chemical analysis	Uptake/binding experiments	67	6.93
	Cell fractionation	54	5.58
Microscopic imaging	Fluorescence	633	65.46
	Histochemistry	9	0.93
	Others	6	0.62
Not mentioned		25	2.59
Mixed		2	0.21

Supplemental Table 10: References to the dataset with subcellular localization information.

ID	References
1	Seglen PO, Gordon PB: **Effects of lysosomotropic monoamines, diamines, amino alcohols, and other amino compounds on protein degradation and protein synthesis in isolated rat hepatocytes**. *Mol Pharmacol* 1980, **18**(3):468-475.
2	Reasor MJ, Kacew S: **Drug-induced phospholipidosis: are there functional consequences?** *Exp Biol Med (Maywood)* 2001, **226**(9):825-830.
3	Cramb G: **Selective lysosomal uptake and accumulation of the beta-adrenergic antagonist propranolol in cultured and isolated cell systems**. *Biochem Pharmacol* 1986, **35**(8):1365-1372.
4	Horobin RW, Trapp S, Weissig V: **Mitochondriotropics: a review of their mode of action, and their applications for drug and DNA delivery to mammalian mitochondria**. *J Control Release* 2007, **121**(3):125-136.
5	Ishizaki J, Yokogawa K, Ichimura F, Ohkuma S: **Uptake of imipramine in rat liver lysosomes in vitro and its inhibition by basic drugs**. *J Pharmacol Exp Ther* 2000, **294**(3):1088-1098.
6	Ploemen JP, Kelder J, Hafmans T, van de Sandt H, van Burgsteden JA, Saleminki PJ, van Esch E: **Use of physicochemical calculation of pKa and CLogP to predict phospholipidosis-inducing potential: a case study with structurally related piperazines**. *Exp Toxicol Pathol* 2004, **55**(5):347-355.
7	Falgueyret JP, Desmarais S, Oballa R, Black WC, Cromlish W, Khougaz K, Lamontagne S, Masse F, Riendeau

D, Toulmond S *et al*: **Lysosomotropism of basic cathepsin K inhibitors contributes to increased cellular potencies against off-target cathepsins and reduced functional selectivity**. *J Med Chem* 2005, **48**(24):7535-7543.

8 Fujimura H, Dekura E, Kurabe M, Shimazu N, Koitabashi M, Toriumi W: **Cell-based fluorescence assay for evaluation of new-drugs potential for phospholipidosis in an early stage of drug development**. *Exp Toxicol Pathol* 2007, **58**(6):375-382.

11 Li W, Yuan XM, Ivanova S, Tracey KJ, Eaton JW, Brunk UT: **3-Aminopropanal, formed during cerebral ischaemia, is a potent lysosomotropic neurotoxin**. *Biochem J* 2003, **371**(Pt 2):429-436.

12 Gabrielli D, Belisle E, Severino D, Kowaltowski AJ, Baptista MS: **Binding, aggregation and photochemical properties of methylene blue in mitochondrial suspensions**. *Photochem Photobiol* 2004, **79**(3):227-232.

13 Bielawska A, Bielawski J, Szulc ZM, Mayroo N, Liu X, Bai A, Elojeimy S, Rembiesa B, Pierce J, Norris JS *et al*: **Novel analogs of D-e-MAPP and B13. Part 2: signature effects on bioactive sphingolipids**. *Bioorg Med Chem* 2008, **16**(2):1032-1045.

14 Dykens JA, Jamieson JD, Marroquin LD, Nadanaciva S, Xu JJ, Dunn MC, Smith AR, Will Y: **In vitro assessment of mitochondrial dysfunction and cytotoxicity of nefazodone, trazodone, and buspirone**. *Toxicol Sci* 2008, **103**(2):335-345.

17 Chen VY, Posada MM, Zhao L, Rosania GR: **Rapid doxorubicin efflux from the nucleus of drug-resistant cancer cells following extracellular drug clearance**. *Pharm Res* 2007, **24**(11):2156-2167.

19 Horton KL, Stewart KM, Fonseca SB, Guo Q, Kelley SO: **Mitochondria-penetrating peptides**. *Chem Biol* 2008, **15**(4):375-382.

23 Feldman S, Wang MY, Kaloyanides GJ: **Aminoglycosides induce a phospholipidosis in the renal cortex of the rat: an early manifestation of nephrotoxicity**. *J Pharmacol Exp Ther* 1982, **220**(3):514-520.

24 Martin WJ, 2nd, Standing JE: **Amiodarone pulmonary toxicity: biochemical evidence for a cellular phospholipidosis in the bronchoalveolar lavage of human subjects**. *J Pharmacol Exp Ther* 1988, **244**(2):774-779.

25 Smith RA, Porteous CM, Gane AM, Murphy MP: **Delivery of bioactive molecules to mitochondria in vivo**. *Proc Natl Acad Sci U S A* 2003, **100**(9):5407-5412.

26 Ross MF, Prime TA, Abakumova I, James AM, Porteous CM, Smith RA, Murphy MP: **Rapid and extensive uptake and activation of hydrophobic triphenylphosphonium cations within cells**. *Biochem J* 2008, **411**(3):633-645.

27 Weiss MJ, Wong JR, Ha CS, Bleday R, Salem RR, Steele GD, Jr., Chen LB: **Dequalinium, a topical antimicrobial agent, displays anticarcinoma activity based on selective mitochondrial accumulation**. *Proc Natl Acad Sci U S A* 1987, **84**(15):5444-5448.

28 Terasaki M, Song J, Wong JR, Weiss MJ, Chen LB: **Localization of endoplasmic reticulum in living and glutaraldehyde-fixed cells with fluorescent dyes**. *Cell* 1984, **38**(1):101-108.

29 Fantin VR, Berardi MJ, Scorrano L, Korsmeyer SJ, Leder P: **A novel mitochondriotoxic small molecule that selectively inhibits tumor cell growth**. *Cancer Cell* 2002, **2**(1):29-42.

31 Zhao KS, Zhao GM, Wu DL, Soong Y, Birk AV, Schiller PW, Szeto HH: **Cell-permeable peptide antioxidants targeted to inner mitochondrial membrane inhibit mitochondrial swelling, oxidative cell death, and reperfusion injury**. *Journal of Biological Chemistry* 2004, **279**(33):34682-34690.

33 Fernandez-Carneado J, Van Gool M, Martos V, Castel S, Prados P, de Mendoza J, Giralt E: **Highly efficient, nonpeptidic oligoguanidinium vectors that selectively internalize into mitochondria**. *J Am Chem Soc* 2005, **127**(3):869-874.

37 Burns RJ, Smith RAJ, Murphy MP: **Synthesis and Characterization of Thiobutyltriphenylphosphonium Bromide, a Novel Thiol Reagent Targeted to the Mitochondrial Matrix**. *Archives of Biochemistry and Biophysics* 1995, **322**(1):60-68.

38 Filipovska A, Kelso GF, Brown SE, Beer SM, Smith RAJ, Murphy MP: **Synthesis and characterization of a triphenylphosphonium-conjugated peroxidase mimetic - Insights into the interaction of ebselen with mitochondria**. *Journal of Biological Chemistry* 2005, **280**(25):24113-24126.

39 James AM, Blaikie FH, Smith RAJ, Lightowlers RN, Smith PM, Murphy MP: **Specific targeting of a DNA-alkylating reagent to mitochondria - Synthesis and characterization of [4-((11aS)-7-methoxy-1,2,3,11a-tetrahydro-5H-pyrrolo[2,1-c][1,4]benzodiazepin-5-on-8-oxy)butyl]-triphenylphosphonium iodide**. *European Journal of Biochemistry* 2003, **270**(13):2827-2836.

41 Kowaltowski AJ, Turin J, Indig GL, Vercesi AE: **Mitochondrial effects of triarylmethane dyes**. *J Bioenerg Biomembr* 1999, **31**(6):581-590.

42 Martin WJ, Kachel DL, Vilen T, Natarajan V: **Mechanism of Phospholipidosis in Amiodarone Pulmonary**

Toxicity. *Journal of Pharmacology and Experimental Therapeutics* 1989, **251**(1):272-278.
44 Li W, Yuan XM, Nordgren G, Dalen H, Dubowchik GM, Firestone RA, Brunk UT: **Induction of cell death by the lysosomotropic detergent MSDH**. *Febs Letters* 2000, **470**(1):35-39.
45 Boya P, Gonzalez-Polo RA, Poncet D, Andreau K, Vieira HLA, Roumier T, Perfettini JL, Kroemer G: **Mitochondrial membrane permeabilization is a critical step of lysosome-initiated apoptosis induced by hydroxychloroquine**. *Oncogene* 2003, **22**(25):3927-3936.
46 Dubowchik GM, Gawlak SL, Firestone RA: **The in vitro effects of three lysosomotropic detergents against three human tumor cell lines** *Bioorganic & Medicinal Chemistry Letters* 1995, **5**(8):893-898.
47 Dodin G, Averbeck D, Demerseman P, Nocentini S, Dupont J: **Mitochondrial Uptake of Bridged Bis-Methylpyridinium Aldoximes and Induction of the Petite Phenotype in Yeast**. *Biochemical and Biophysical Research Communications* 1991, **179**(2):992-999.
49 Davey GP, Tipton KF, Murphy MP: **Uptake and Accumulation of 1-Methyl-4-Phenylpyridinium by Rat-Liver Mitochondria Measured Using an Ion-Selective Electrode**. *Biochemical Journal* 1992, **288**:439-443.
50 Poot M, Zhang YZ, Kramer JA, Wells KS, Jones L, Hanzel DK, Lugade AG, Singer VL, Haughland RP: **Analysis of mitochondrial morphology and function with novel fixable fluorescent stains**. *Journal of Histochemistry & Cytochemistry* 1996, **44**(12):1363-1372.
51 Niemann A, Takatsuki A, Elsasser HP: **The lysosomotropic agent monodansylcadaverine also acts as a solvent polarity probe**. *Journal of Histochemistry & Cytochemistry* 2000, **48**(2):251-258.
52 Gravance CG, Garner DL, Miller MG, Berger T: **Flow cytometric assessment of changes in rat sperm mitochondrial function after treatment with pentachlorophenol**. *Toxicology in Vitro* 2003, **17**(3):253-257.
54 Deng YP, Bennink JR, Kang HC, Haugland RP, Yewdell JW: **Fluorescent Conjugates of Brefeldin-a Selectively Stain the Endoplasmic-Reticulum and Golgi-Complex of Living Cells**. *Journal of Histochemistry & Cytochemistry* 1995, **43**(9):907-915.
55 Simmons DM, Mercer AV, Hallas G, Dyson JE: **Characterization of six textile dyes as fluorescent stains for flow cytometry**. *J Histochem Cytochem* 1990, **38**(1):41-49.
57 Bucana C, Saiki I, Nayar R: **Uptake and Accumulation of the Vital Dye Hydroethidine in Neoplastic-Cells**. *Journal of Histochemistry & Cytochemistry* 1986, **34**(9):1109-1115.
58 Hoff SF, Macinnis AJ: **Ultrastructural-Localization of Phenothiazines and Tetracycline - a New Histochemical Approach**. *Journal of Histochemistry & Cytochemistry* 1983, **31**(5):613-625.
62 Niemann A, Baltes J, Elsasser HP: **Fluorescence properties and staining behavior of monodansylpentane, a structural homologue of the lysosomotropic agent monodansylcadaverine**. *Journal of Histochemistry & Cytochemistry* 2001, **49**(2):177-185.
64 Jeannot V, Salmon JM, Deumie M, Viallet P: **Intracellular accumulation of rhodamine 110 in single living cells**. *Journal of Histochemistry & Cytochemistry* 1997, **45**(3):403-412.
66 Muller T: **Electron microscopic demonstration of intracelluar promethazine accumulation sites by a precipitation technique: application to the cerebellar cortex of the mouse**. *J Histochem Cytochem* 1996, **44**(5):531-535.
69 Jeon CJ, Masland RH: **Selective accumulation of diamidino yellow and chromomycin A3 by retinal glial cells**. *J Histochem Cytochem* 1993, **41**(11):1651-1658.
71 Suzuki T, Fujikura K, Higashiyama T, Takata K: **DNA staining for fluorescence and laser confocal microscopy**. *J Histochem Cytochem* 1997, **45**(1):49-53.
72 Rodriguez ME, Azizuddin K, Zhang P, Chiu SM, Lam M, Kenney ME, Burda C, Oleinick NL: **Targeting of mitochondria by 10-N-alkyl acridine orange analogues: role of alkyl chain length in determining cellular uptake and localization**. *Mitochondrion* 2008, **8**(3):237-246.
73 Weitering JG, Lammers W, Meijer DK, Mulder GJ: **Localization of d-tubocurarine in rat liver lysosomes. Lysosomal uptake, biliary excretion and displacement by quinacrine in vivo**. *Naunyn Schmiedebergs Arch Pharmacol* 1977, **299**(3):277-281.
74 Journey LJ, Goldstein MN: **The effect of terramycin on the fine structure of HeLa cell mitochondria**. *Cancer Res* 1963, **23**:551-554.
75 Rafael J, Nicholls DG: **Mitochondrial membrane potential monitored in situ within isolated guinea pig brown adipocytes by a styryl pyridinium fluorescent indicator**. *FEBS Lett* 1984, **170**(1):181-185.
76 Johnson LV, Walsh ML, Bockus BJ, Chen LB: **Monitoring of relative mitochondrial membrane potential in living cells by fluorescence microscopy**. *J Cell Biol* 1981, **88**(3):526-535.
77 Schneider K, Naujok A, Zimmermann HW: **Influence of trans-membrane potential and of hydrophobic interactions on dye accumulation in mitochondria of living cells. Photoaffinity labelling of mitochondrial proteins, action of potential dissipating drugs, and competitive staining**. *Histochemistry* 1994, **101**(6):455-

461.
78 Hahn KM, Conrad PA, Chao JC, Taylor DL, Waggoner AS: **A photocross-linking fluorescent indicator of mitochondrial membrane potential**. *J Histochem Cytochem* 1993, **41**(4):631-634.
81 Ohulchanskyy TY, Pudavar HE, Yarmoluk SM, Yashchuk VM, Bergey EJ, Prasad PN: **A monomethine cyanine dye Cyan 40 for two-photon-excited fluorescence detection of nucleic acids and their visualization in live cells**. *Photochem Photobiol* 2003, **77**(2):138-145.
82 Jimenez-Hernandez ME, Orellana G, Montero F, Portoles MT: **A ruthenium probe for cell viability measurement using flow cytometry, confocal microscopy and time-resolved luminescence**. *Photochemistry and Photobiology* 2000, **72**(1):28-34.
83 Chen JY, Mak NK, Yow CMN, Fung MC, Chiu LC, Leung WN, Cheung NH: **The binding characteristics and intracellular localization of temoporfin (mTHPC) in myeloid leukemia cells: Phototoxicity and mitochondrial damage**. *Photochemistry and Photobiology* 2000, **72**(4):541-547.
84 Malik Z, Amit I, Rothmann C: **Subcellular localization of sulfonated tetraphenyl porphines in colon carcinoma cells by spectrally resolved imaging**. *Photochem Photobiol* 1997, **65**(3):389-396.
85 Konan YN, Chevallier J, Gurny R, Allemann E: **Encapsulation of p-THPP into nanoparticles: Cellular uptake, subcellular localization and effect of serum on photodynamic activity**. *Photochemistry and Photobiology* 2003, **77**(6):638-644.
86 Feofanov A, Sharonov G, Grichine A, Karmakova T, Pljutinskaya A, Lebedeva V, Ruziyev R, Yakubovskaya R, Mironov A, Refregier M *et al*: **Comparative study of photodynamic properties of 13,15-N-cycloimide derivatives of chlorin p6**. *Photochem Photobiol* 2004, **79**(2):172-188.
87 Wood SR, Holroyd JA, Brown SB: **The subcellular localization of Zn(II) phthalocyanines and their redistribution on exposure to light**. *Photochemistry and Photobiology* 1997, **65**(3):397-402.
88 Cauchon N, Nader M, Bkaily G, van Lier JE, Hunting D: **Photodynamic activity of substituted zinc trisulfophthalocyanines: Role of plasma membrane damage**. *Photochemistry and Photobiology* 2006, **82**(6):1712-1720.
90 Theodossiou T, Spiro MD, Jacobson J, Hothersall JS, MacRobert AJ: **Evidence for intracellular aggregation of hypericin and the impact on its photocytotoxicity in PAM 212 murine keratinocytes**. *Photochemistry and Photobiology* 2004, **80**(3):438-443.
92 MacDonald IJ, Morgan J, Bellnier DA, Paszkiewicz GM, Whitaker JE, Litchfield DJ, Dougherty TJ: **Subcellular localization patterns and their relationship to photodynamic activity of pyropheophorbide-a derivatives**. *Photochem Photobiol* 1999, **70**(5):789-797.
93 Chen JY, Cheung NH, Fung MC, Wen JM, Leung WN, Mak NK: **Subcellular localization of merocyanine 540 (MC540) and induction of apoptosis in murine myeloid leukemia cells**. *Photochemistry and Photobiology* 2000, **72**(1):114-120.
94 Sun X, Leung WN: **Photodynamic therapy with pyropheophorbide-a methyl ester in human lung carcinoma cancer cell: Efficacy, localization and apoptosis**. *Photochemistry and Photobiology* 2002, **75**(6):644-651.
95 Wilson BC, Olivo M, Singh G: **Subcellular localization of Photofrin(R) and aminolevulinic acid and photodynamic cross-resistance in vitro in radiation-induced fibrosarcoma cells sensitive or resistant to photofrin-mediated photodynamic therapy**. *Photochemistry and Photobiology* 1997, **65**(1):166-176.
96 Georgakoudi I, Foster TH: **Effects of the subcellular redistribution of two nile blue derivatives on photodynamic oxygen consumption**. *Photochemistry and Photobiology* 1998, **68**(1):115-122.
97 Ouedraogo G, Morliere P, Bazin N, Santus P, Kratzer B, Miranda MA, Castell JV: **Lysosomes are sites of fluoroquinolone photosensitization in human skin fibroblasts: A microspectrofluorometric approach**. *Photochemistry and Photobiology* 1999, **70**(2):123-129.
98 Kessel D, Poretz RD: **Sites of photodamage induced by photodynamic therapy with a chlorin e6 triacetoxymethyl ester (CAME)**. *Photochemistry and Photobiology* 2000, **71**(1):94-96.
99 Kessel D, Castelli M: **Evidence that bcl-2 is the target of three photosensitizers that induce a rapid apoptotic response**. *Photochemistry and Photobiology* 2001, **74**(2):318-322.
100 Kessel D, Reiners JJ, Jr.: **Apoptosis and autophagy after mitochondrial or endoplasmic reticulum photodamage**. *Photochem Photobiol* 2007, **83**(5):1024-1028.
101 Morliere P, Haigle J, Aissani K, Filipe P, Silva JN, Santus R: **An insight into the mechanisms of the phototoxic response induced by cyamemazine in cultured fibroblasts and keratinocytes**. *Photochemistry and Photobiology* 2004, **79**(2):163-171.
102 Delaey EM, Vantieghem AM, Derycke A, Agostinis PM, de Witte PAM: **In vitro photobiological evaluation of Rhodac, a new rhodacyanine photosensitizer**. *Photochemistry and Photobiology* 2001, **74**(2):331-338.

Wang XP, Krebs LJ, Al-Nuri M, Pudavar HE, Ghosal S, Liebow C, Nagy AA, Schally AV, Prasad PN: **A chemically labeled cytotoxic agent: Two-photon fluorophore for optical tracking of cellular pathway in chemotherapy**. *Proceedings of the National Academy of Sciences of the United States of America* 1999, **96**(20):11081-11084.

Houghton PJ, Bailey FC, Houghton JA, Murti KG, Howbert JJ, Grindey GB: **Evidence for Mitochondrial Localization of N-(4-Methylphenylsulfonyl)-N'-(4-Chlorophenyl)Urea in Human Colon Adenocarcinoma Cells**. *Cancer Research* 1990, **50**(3):664-668.

Illinger D, Poindron P, Fonteneau P, Modollel M, Kuhry JG: **Internalization of the Lipophilic Fluorescent-Probe Trimethylamino-Diphenylhexatriene Follows the Endocytosis and Recycling of the Plasma-Membrane in Cells**. *Biochimica Et Biophysica Acta* 1990, **1030**(1):73-81.

Oseroff AR, Ohuoha D, Ara G, Mcauliffe D, Foley J, Cincotta L: **Intramitochondrial Dyes Allow Selective Invitro Photolysis of Carcinoma-Cells**. *Proceedings of the National Academy of Sciences of the United States of America* 1986, **83**(24):9729-9733.

Woodburn KW, Fan Q, Miles DR, Kessel D, Luo Y, Young SW: **Localization and efficacy analysis of the phototherapeutic lutetium texaphyrin (PCI-0123) in the murine EMT6 sarcoma model**. *Photochemistry and Photobiology* 1997, **65**(3):410-415.

Peng Q, Moan J, Farrants G, Danielsen HE, Rimington C: **Localization of Potent Photosensitizers in Human Tumor Lox by Means of Laser Scanning Microscopy**. *Cancer Letters* 1991, **58**(1-2):17-27.

Lin CW, Shulok JR, Kirley SD, Cincotta L, Foley JW: **Lysosomal Localization and Mechanism of Uptake of Nile Blue Photosensitizers in Tumor-Cells**. *Cancer Research* 1991, **51**(10):2710-2719.

Li Q, Kim Y, Namm J, Kulkarni A, Rosania GR, Ahn YH, Chang YT: **RNA-selective, live cell imaging probes for studying nuclear structure and function**. *Chemistry & Biology* 2006, **13**(6):615-623.

Morliere P, Maziere JC, Santus R, Smith CD, Prinsep MR, Stobbe CC, Fenning MC, Golberg JL, Chapman JD: **Tolyporphin: A natural product from cyanobacteria with potent photosensitizing activity against tumor cells in vitro and in vivo**. *Cancer Research* 1998, **58**(16):3571-3578.

Koller ME, Romslo I: **Uptake of Protoporphyrin-Ix by Isolated Rat-Liver Mitochondria**. *Biochemical Journal* 1980, **188**(2):329-335.

Kamishohara M, Kenney S, Domergue R, Vistica DT, Sausville EA: **Selective accumulation of the endoplasmic reticulum-Golgi intermediate compartment induced by the antitumor drug KRN5500**. *Exp Cell Res* 2000, **256**(2):468-479.

Sit KH, Bay BH, Paramanantham R, Tana HM, Wong KP: **Acidification-and-recovery induces nuclear accumulation of neutral red and DNA into human KB oral carcinoma cells**. *Cancer Letters* 1996, **104**(1):63-69.

Bonneau S, Morliere P, Brault D: **Dynamics of interactions of photosensitizers with lipoproteins and membrane-models: correlation with cellular incorporation and subcellular distribution**. *Biochemical Pharmacology* 2004, **68**(7):1443-1452.

Pleshkewych A, Maurer TC, Porter CW: **Ultrastructural-Changes in the Mitochondria of Intestinal Epithelium of Rodents Treated with Methylglyoxal-Bis(Guanylhydrazone)**. *Cancer Research* 1983, **43**(2):646-652.

Allison AC, Young MR: **Uptake of Dyes and Drugs by Living Cells in Culture**. *Life Sciences* 1964, **3**(12):1407-1414.

Dirks RW, Molenaar C, Tanke HJ: **Visualizing RNA molecules inside the nucleus of living cells**. *Methods* 2003, **29**(1):51-57.

Croce AC, Bottiroli G, Supino R, Favini E, Zuco V, Zunino F: **Subcellular localization of the camptothecin analogues, topotecan and gimatecan**. *Biochemical Pharmacology* 2004, **67**(6):1035-1045.

Pagano RE, Martin OC, Kang HC, Haugland RP: **A Novel Fluorescent Ceramide Analog for Studying Membrane Traffic in Animal-Cells - Accumulation at the Golgi-Apparatus Results in Altered Spectral Properties of the Sphingolipid Precursor**. *Journal of Cell Biology* 1991, **113**(6):1267-1279.

Pandey SK, Gryshuk AL, Graham A, Ohkubo K, Fukuzumi S, Dobhal MP, Zheng G, Ou ZP, Zhan RQ, Kadish KM *et al*: **Fluorinated photosensitizers: synthesis, photophysical, electrochemical, intracellular localization, in vitro photosensitizing efficacy and determination of tumor-uptake by F-19 in vivo NMR spectroscopy**. *Tetrahedron* 2003, **59**(50):10059-10073.

Kunwar A, Barik A, Mishra B, Rathinasamy K, Pandey R, Priyadarsini KI: **Quantitative cellular uptake, localization and cytotoxicity of curcumin in normal and tumor cells**. *Biochimica Et Biophysica Acta-General Subjects* 2008, **1780**(4):673-679.

Wells G, Suggitt M, Coffils M, Baig MAH, Howard PW, Loadman PM, Hartley JA, Jenkins TC, Thurston DE:

Fluorescent 7-diethylaminocoumarin pyrrolobenzodiazepine conjugates: Synthesis, DNA interaction, cytotoxicity and differential cellular localization. *Bioorganic & Medicinal Chemistry Letters* 2008, **18**(6):2147-2151.

137 Viola G, Facciolo L, Dall'Acqua S, Di Lisa F, Canton M, Vedaldi D, Fravolini A, Tabarrini O, Cecchetti V: **6-Aminoquinolones: photostability, cellular distribution and phototoxicity**. *Toxicology in Vitro* 2004, **18**(5):581-592.

138 Kessel D, Luguya R, Vicente MGH: **Localization and photodynamic efficacy of two cationic porphyrins varying in charge distribution**. *Photochemistry and Photobiology* 2003, **78**(5):431-435.

143 Tannenbaum J, Tanenbaum SW, Lo LW, Godman GC, Miranda AF: **Binding and Subcellular-Localization of Tritiated Cytochalasin-D**. *Experimental Cell Research* 1975, **91**(1):47-56.

144 Hetrakul N, Civelek C, Stagg CA, Udelsman R: **In vitro accumulation of technetium-99m-sestamibi in human parathyroid mitochondria**. *Surgery* 2001, **130**(6):1011-1018.

145 Scorneaux B, Shryock TR: **Intracellular accumulation, subcellular distribution, and efflux of tilmicosin in bovine mammary, blood, and lung cells**. *Journal of Dairy Science* 1999, **82**(6):1202-1212.

146 Pagano RE, Sepanski MA, Martin OC: **Molecular trapping of a fluorescent ceramide analogue at the Golgi apparatus of fixed cells: interaction with endogenous lipids provides a trans-Golgi marker for both light and electron microscopy**. *J Cell Biol* 1989, **109**(5):2067-2079.

147 Martin RM, Leonhardt H, Cardoso MC: **DNA labeling in living cells**. *Cytometry A* 2005, **67**(1):45-52.

148 Malinin GI: **Permanent Fluorescent Staining of Nucleic-Acids in Isolated Cells**. *Journal of Histochemistry & Cytochemistry* 1978, **26**(11):1018-1020.

149 Johannisson E, Thorell B: **Mithramycin Fluorescence for Quantitative-Determination of Deoxyribonucleic-Acid in Single Cells**. *Journal of Histochemistry & Cytochemistry* 1977, **25**(2):122-128.

154 Claudia Piccoli DB, and Nazzareno Capitanio: **Comparative analysis of mitochondria selective dyes in different cell types detected by confocal laser scanning microscopy: methods and applications**. In: *Current Issues on Multidisciplinary Microscopy Research and Education.* Edited by L.Labajos-Broncano AM-Va. Badajoz, Spain; 2004: 130-139.

156 Szeto HH, Schiller PW, Zhao K, Luo G: **Fluorescent dyes alter intracellular targeting and function of cell-penetrating tetrapeptides**. *FASEB J* 2005, **19**(1):118-120.

159 Best TP, Edelson BS, Nickols NG, Dervan PB: **Nuclear localization of pyrrole-imidazole polyamide-fluorescein conjugates in cell culture**. *Proceedings of the National Academy of Sciences of the United States of America* 2003, **100**(21):12063-12068.

160 Villa P, Sassella D, Corada M, Bartosek I: **Toxicity, Uptake, and Subcellular-Distribution in Rat Hepatocytes of Roxithromycin, a New Semisynthetic Macrolide, and Erythromycin Base**. *Antimicrobial Agents and Chemotherapy* 1988, **32**(10):1541-1546.

161 Nassberger L, Bergstrand A, Depierre JW: **Intracellular-Distribution of Gentamicin within the Rat-Kidney Cortex - a Cell Fractionation Study**. *Experimental and Molecular Pathology* 1990, **52**(2):212-220.

162 Schwab JC, Cao Y, Slowik MR, Joiner KA: Localization of azithromycin in Toxoplasma gondii-infected cells. Antimicrob Agents Chemother 1994, 38(7):1620-1627.

163 van Zandvoort MAMJ, de Grauw CJ, Gerritsen HC, Broers JLV, Egbrink MGAO, Ramaekers FCS, Slaaf DW: **Discrimination of DNA and RNA in cells by a vital fluorescent probe: Lifetime Imaging of SYTO13 in healthy and apoptotic cells**. *Cytometry* 2002, **47**(4):226-235.

164 Crissman HA, Oka MS, Steinkamp JA: **Rapid staining methods for analysis of deoxyribonucleic acid and protein in mammalian cells**. *J Histochem Cytochem* 1976, **24**(1):64-71.

168 Steinberg SF, Bilezikian JP, Alawqati Q: **Fura-2 Fluorescence Is Localized to Mitochondria in Endothelial-Cells**. *American Journal of Physiology* 1987, **253**(5):C744-C747.

169 McLachlan A, Kekre N, McNulty J, Pandey S: **Pancratistatin: A natural anti-cancer compound that targets mitochondria specifically in cancer cells to induce apoptosis**. *Apoptosis* 2005, **10**(3):619-630.

170 Nieto-Miguel T, Gajate C, Mollinedo F: **Differential targets and subcellular localization of antitumor alkyl-lysophospholipid in leukemic versus solid tumor cells**. *Journal of Biological Chemistry* 2006, **281**(21):14833-14840.

171 Tremblay JF, Dussault S, Viau G, Gad F, Boushira M, Bissonnette R: **Photodynamic therapy with toluidine blue in Jurkat cells: cytotoxicity, subcellular localization and apoptosis induction**. *Photochemical & Photobiological Sciences* 2002, **1**(11):852-856.

172 Zhang LL, Tardy M, Berry JP, Escaig F, Galle P: **Subcellular localization of two neurotropic drugs in three varieties of central nervous system cells by secondary ion mass spectroscopy (SIMS) microscopy**. *Biol Cell* 1992, **74**(1):99-103.

173 Bain JA, Mayer SE: **The intracellular localization of fluorescent convulsants**. *J Pharmacol Exp Ther* 1956, **118**(1):1-16.

174 Mellett LB, Woods LA: **Intracellular Distribution of N-C-14-Methyl Levorphanol in Brain, Liver and Kidney Tissue of the Rat**. *Journal of Pharmacology and Experimental Therapeutics* 1959, **125**(2):97-104.

175 Daniel WA, Wojcikowski J, Palucha A: **Intracellular distribution of psychotropic drugs in the grey and white matter of the brain: the role of lysosomal trapping**. *British Journal of Pharmacology* 2001, **134**(4):807-814.

176 Crowley KS, Phillion DP, Woodard SS, Schweitzer BA, Singh M, Shabany H, Burnette B, Hippenmeyer P, Heitmeier M, Bashkin JK: **Controlling the intracellular localization of fluorescent polyamide analogues in cultured cells**. *Bioorganic & Medicinal Chemistry Letters* 2003, **13**(9):1565-1570.

178 McGill A, Frank A, Emmett N, Leech SN, Turnbull DM, Birch-Machin MA, Reynolds NJ: **The antipsoriatic drug anthralin accumulates in keratinocyte mitochondria, dissipates mitochondrial membrane potential, and induces apoptosis through a pathway dependent on respiratory competent mitochondria**. *Faseb Journal* 2005, **19**(3):1012-+.

180 Byvoet P, Busch H: **Intracellular Distribution of 5-Bis (2-Chloroethyl)Aminouracil-2-C14 in Tissues of Tumor-Bearing Rats**. *Cancer Research* 1962, **22**(2):249-&.

184 Woodburn KW: **Intracellular localization of the radiation enhancer motexafin gadolinium using interferometric Fourier fluorescence microscopy**. *Journal of Pharmacology and Experimental Therapeutics* 2001, **297**(3):888-894.

185 Darzynkiewicz Z, Carter SP: **Photosensitizing Effects of the Tricyclic Heteroaromatic Cationic Dyes Pyronin-Y and Toluidine Blue-O (Tolonium Chloride)**. *Cancer Research* 1988, **48**(5):1295-1299.

186 Miller GG, Brown K, Ballangrud AM, Barajas O, Xiao Z, Tulip J, Lown JW, Leithoff JM, AllalunisTurner MJ, Mehta RD *et al*: **Preclinical assessment of hypocrellin B and hypocrellin B derivatives as sensitizers for photodynamic therapy of cancer: Progress update**. *Photochemistry and Photobiology* 1997, **65**(4):714-722.

188 Andre N, Carre M, Brasseur G, Pourroy B, Kovacic H, Briand C, Braguer D: **Paclitaxel targets mitochondria upstream of caspase activation in intact human neuroblastoma cells**. *Febs Letters* 2002, **532**(1-2):256-260.

189 Benz CC, Keniry MA, Ford JM, Townsend AJ, Cox FW, Palayoor S, Matlin SA, Hait WN, Cowan KH: **Biochemical Correlates of the Antitumor and Antimitochondrial Properties of Gossypol Enantiomers**. *Molecular Pharmacology* 1990, **37**(6):840-847.

190 Koya K, Li Y, Wang H, Ukai T, Tatsuta N, Kawakami M, Shishido T, Chen LB: **MKT-077, a novel rhodacyanine dye in clinical trials, exhibits anticarcinoma activity in preclinical studies based on selective mitochondrial accumulation**. *Cancer Research* 1996, **56**(3):538-543.

192 Roy MK, Thalang VN, Trakoontivakorn G, Nakahara K: **Mahanine, a carbazole alkaloid from Micromelum minutum, inhibits cell growth and induces apoptosis in U937 cells through a mitochondrial dependent pathway**. *British Journal of Pharmacology* 2005, **145**(2):145-155.

193 Li C, Greenwood TR, Glunde K: **Glucosamine-bound near-infrared fluorescent probes with lysosomal specificity for breast tumor imaging**. *Neoplasia* 2008, **10**(4):389-398.

195 Marshall LA, Rhee MS, Hofmann L, Khodjakov A, Schneider E: **Increased lysosomal uptake of methotrexate-polyglutamates in two methotrexate-resistant cell lines with distinct mechanisms of resistance**. *Biochemical Pharmacology* 2005, **71**(1-2):203-213.

196 Schneider P: **Drug-Induced Lysosomal Disorders in Laboratory-Animals - New Substances Acting on Lysosomes**. *Archives of Toxicology* 1992, **66**(1):23-33

201 Van Bambeke F, Carryn S, Seral C, Chanteux H, Tyteca D, Mingeot-Leclercq MP, Tulkens PM: **Cellular pharmacokinetics and pharmacodynamics of the glycopeptide antibiotic oritavancin (LY333328) in a model of J774 mouse macrophages**. *Antimicrob Agents Chemother* 2004, **48**(8):2853-2860.

205 Philips FS, Sternberg SS, Cronin AP, Sodergren JE, Vidal PM: Physiologic disposition and intracellular localization of isometamidium. Cancer Res 1967, 27(2):333-349.

206 Dindo D, Dahm F, Szulc Z, Bielawska A, Obeid LM, Hannun YA, Graf R, Clavien PA: **Cationic long-chain ceramide LCL-30 induces cell death by mitochondrial targeting in SW403 cells**. *Molecular Cancer Therapeutics* 2006, **5**(6):1520-1529.

208 Beauchamp D, Gourde P, Simard M, Bergeron MG: **Subcellular-Localization of Tobramycin and Vancomycin Given Alone and in Combination in Proximal Tubular Cells, Determined by Immunogold Labeling**. *Antimicrobial Agents and Chemotherapy* 1992, **36**(10):2204-2210.

209 Renard C, Vanderhaeghe HJ, Claes PJ, Zenebergh A, Tulkens PM: **Influence of Conversion of Penicillin-G into a Basic Derivative on Its Accumulation and Subcellular-Localization in Cultured Macrophages**. *Antimicrobial Agents and Chemotherapy* 1987, **31**(3):410-416.

Takeuchi Y, Ichikawa K, Yonezawa S, Kurohane K, Koishi T, Nango M, Namba Y, Oku N: **Intracellular**
210 **target for photosensitization in cancer antiangiogenic photodynamic therapy mediated by polycation liposome**. *J Control Release* 2004, **97**(2):231-240.

Sibrian-Vazquez M, Nesterova IV, Jensen TJ, Vicente MGH: **Mitochondria targeting by guanidine-and**
211 **biguanidine-porphyrin photosensitizers**. *Bioconjugate Chemistry* 2008, **19**(3):705-713.

Chen Y, Graham A, Potter W, Morgan J, Vaughan L, Bellnier DA, Henderson BW, Oseroff A, Dougherty TJ,
212 Pandey RK: **Bacteriopurpurinimides: highly stable and potent photosensitizers for photodynamic therapy**. *J Med Chem* 2002, **45**(2):255-258

Trivedi NS, Wang HW, Nieminen AL, Oleinick NL, Izatt JA: **Quantitative analysis of Pc 4 localization in**
214 **mouse lymphoma (LY-R) cells via double-label confocal fluorescence microscopy**. *Photochemistry and Photobiology* 2000, **71**(5):634-639.

Maisch T, Bosl C, Szeimies RM, Lehn N, Abels C: **Photodynamic effects of novel XF porphyrin derivatives**
215 **on prokaryotic and eukaryotic cells**. *Antimicrob Agents Chemother* 2005, **49**(4):1542-1552.

Mak NK, Li KM, Leung WN, Wong RNS, Huang DP, Lung ML, Lau YK, Chang CK: **Involvement of both**
216 **endoplasmic reticulum and mitochondria in photokilling of nasopharyngeal carcinoma cells by the photosensitizer Zn-BC-AM**. *Biochemical Pharmacology* 2004, **68**(12):2387-2396.

Lo PC, Huang JD, Cheng DYY, Chan EYM, Fong WP, Ko WH, Ng DKP: **New amphiphilic silicon(IV)**
217 **phthalocyanines as efficient Photosensitizers for photodynamic therapy: Synthesis, photophysical properties, and in vitro photodynamic activities**. *Chemistry-a European Journal* 2004, **10**(19):4831-4838.

Rosenfeld A, Morgan J, Goswami LN, Hulchanskyy T, Zheng X, Prasad PN, Seroff A, Pandey RK:
218 **Photosensitizers derived from 13(2) oxo-methyl pyropheophorbide-a: Enhanced effect of indium(III) as a central metal in in vitro and in vivo photosensitizing efficacy**. *Photochemistry and Photobiology* 2006, **82**(3):626-634.

Naumovski L, Ramos J, Sirisawad M, Chen J, Thiemann P, Lecane P, Magda D, Wang Z, Cortez C, Boswell G
219 *et al*: **Sapphyrins induce apoptosis in hematopoietic tumor-derived cell lines and show in vivo antitumor activity**. *Molecular Cancer Therapeutics* 2005, **4**(6):968-976.

Tirand L, Thomas N, Dodeller M, Dumas D, Frochot C, Maunit B, Guillemin F, Barberi-Heyob M: **Metabolic**
220 **profile of a peptide-conjugated chlorin-type photosensitizer targeting neuropilin-1: An in vivo and in vitro study**. *Drug Metabolism and Disposition* 2007, **35**(5):806-813.

Takayama.S, Ojima Y: **Photosensitizing Activity of Carcinogenic and Noncarcinogenic Polycyclic**
221 **Hydrocarbons on Cultured Cells**. *Japanese Journal of Genetics* 1969, **44**(4):231-&.

Matroule JY, Bonizzi G, Morliere P, Paillous N, Santus R, Bours V, Piette J: **Pyropheophorbide-a methyl**
222 **ester-mediated photosensitization activates transcription factor NF-kappa B through the interleukin-1 receptor-dependent signaling pathway**. *Journal of Biological Chemistry* 1999, **274**(5):2988-3000.

Sayama K, Morishima A, Fujita H, Ito A, Nakamura K, Sasaki M: **Possible targets of sparfloxacine-**
223 **photosensitization in human buccal mucosa cells as revealed by fluorescence microscopy and microspectrofluorometry**. *Journal of Photopolymer Science and Technology* 2003, **16**(5):655-660.

Sharonov GV, Karmakova TA, Kassies R, Pljutinskaya AD, Grin MA, Refregiers M, Yakubovskaya RI,
227 Mironov AF, Maurizot JC, Vigny P *et al*: **Cycloimide bacteriochlorin p derivatives: Photodynamic properties and cellular and tissue distribution**. *Free Radical Biology and Medicine* 2006, **40**(3):407-419.

229 Ohkuma S, Poole B: **Cytoplasmic Vacuolation of Mouse Peritoneal-Macrophages and the Uptake into Lysosomes of Weakly Basic Substances**. *Journal of Cell Biology* 1981, **90**(3):656-664.

230 Barile M, Valenti D, Passarella S, Quagliariello E: **3'-Azido-3'-deoxythymidine uptake into isolated rat liver mitochondria and impairment of ADP/ATP translocator**. *Biochemical Pharmacology* 1997, **53**(7):913-920.

231 Cernay T, Zimmermann HW: **Selective photosensitization of mitochondria by the lipophilic cationic porphyrin POR10**. *Journal of Photochemistry and Photobiology B-Biology* 1996, **34**(2-3):191-196.

Feofanov A, Sharonov S, Fleury F, Kudelina I, Nabiev I: **Quantitative confocal spectral imaging analysis of**
235 **mitoxantrone within living K562 cells: Intracellular accumulation and distribution of monomers, aggregates, naphthoquinoxaline metabolite, and drug-target complexes**. *Biophysical Journal* 1997, **73**(6):3328-3336.

Belhoussine R, Morjani H, Millot JM, Sharonov S, Manfait M: **Confocal scanning microspectrofluorometry**
236 **reveals specific anthracyline accumulation in cytoplasmic organelles of multidrug-resistant cancer cells**. *Journal of Histochemistry & Cytochemistry* 1998, **46**(12):1369-1376.

238 Balaghi M, Pearson WN: **Tissue and Intracellular Distribution of Radioactive Thiamine in Normal and Thiamine-Deficient Rats**. *Journal of Nutrition* 1966, **89**(2):127-&.

240 Safaei R, Katano K, Larson BJ, Samimi G, Holzer AK, Naerdemann W, Tomioka M, Goodman M, Howell SB:

Intracellular localization and trafficking of fluorescein-labeled cisplatin in human ovarian carcinoma cells. *Clinical Cancer Research* 2005, **11**(2):756-767.

241 Vazifeh D, Bryskier A, Labro MT: **Mechanism underlying levofloxacin uptake by human polymorphonuclear neutrophils**. *Antimicrobial Agents and Chemotherapy* 1999, **43**(2):246-252.

242 Suzuki T, Kato Y, Sasabe H, Itose M, Miyamoto G, Sugiyama Y: **Mechanism for the tissue distribution of grepafloxacin, a fluoroquinolone antibiotic, in rats**. *Drug Metabolism and Disposition* 2002, **30**(12):1393-1399.

243 Lui A, Lumeng L, Li TK: **Transport of Pyridoxine and Pyridoxal 5'-Phosphate in Isolated Rat-Liver Mitochondria**. *Journal of Biological Chemistry* 1982, **257**(24):4903-4906.

244 Bereiter-Hahn J: **Dimethylaminostyrylmethylpyridiniumiodine (daspmi) as a fluorescent probe for mitochondria in situ**. *Biochim Biophys Acta* 1976, **423**(1):1-14.

245 Yang H, Wu T, Zhang M, Zhang Z: **A novel photosensitizer, 2-butylamino-2-demethoxy-hypocrellin B (2-BA-2-DMHB) - its photodynamic effects on HeLa cells: efficacy and apoptosis**. *Biochim Biophys Acta* 2001, **1540**(1):22-31.

246 Roding J, Naujok A, Zimmermann HW: **Effects of ethidium bromide, tetramethylethidium bromide and betaine B on the ultrastructure of HeLa cell mitochondria in situ. A comparative binding study**. *Histochemistry* 1986, **85**(3):215-222.

249 Lucocq J, Warren G, Pryde J: **Okadaic Acid Induces Golgi-Apparatus Fragmentation and Arrest of Intracellular-Transport**. *Journal of Cell Science* 1991, **100**:753-759.

250 Via LD, Marini AM, Salerno S, Toninello A: **Mitochondrial permeability transition induced by novel pyridothiopyranopyrimidine derivatives: Potential new antimitochondrial antitumour agents**. *Biochemical Pharmacology* 2006, **72**(12):1657-1667.

251 Carreon JR, Stewart KM, Mahon KP, Shin S, Kelley SO: **Cyanine dye conjugates as probes for live cell imaging**. *Bioorganic & Medicinal Chemistry Letters* 2007, **17**(18):5182-5185.

252 Schiller CM: **In vitro effects of substituted toluenes on mitochondria isolated from rat liver**. *Biochem Pharmacol* 1980, **29**(18):2485-2489.

253 Byczkowski JZ: **The mode of action of p,p'=DDT on mammalian mitochondria**. *Toxicology* 1976, **6**(3):309-314.

254 Telles-Pupulin AR, Salgueiro-Pagadigorria CL, Bracht A, Ishii-Iwamoto EL: **Effects of fusaric acid on rat liver mitochondria**. *Comp Biochem Physiol C Pharmacol Toxicol Endocrinol* 1998, **120**(1):43-51.

255 Fickweiler S, Abels C, Karrer S, Baumler W, Landthaler M, Hofstadter F, Szeimies RM: **Photosensitization of human skin cell lines by ATMPn (9-acetoxy-2,7,12,17-tetrakis-(beta-methoxyethyl)-porphycene) in vitro: mechanism of action**. *Journal of Photochemistry and Photobiology B-Biology* 1999, **48**(1):27-35.

258 Sharma SK, Morrissey AT, Miller GG, Gmeiner WH, Lown JW: **Design, synthesis, and intracellular localization of a fluorescently labeled DNA binding polyamide related to the antibiotic distamycin**. *Bioorganic & Medicinal Chemistry Letters* 2001, **11**(6):769-772.

260 Berry JP, Lespinats G, Escaig F, Boumati P, Tlouzeau S, Cavellier JF: **Intracellular localization of drugs in cultured tumor cells by ion microscopy and image processing**. *Histochemistry* 1990, **93**(4):397-400.

261 Duvvuri M, Konkar S, Funk RS, Krise JM, Krise JP: **A chemical strategy to manipulate the intracellular localization of drugs in resistant cancer cells**. *Biochemistry* 2005, **44**(48):15743-15749.

262 Loesberg C, Van Rooji H, Romijn JC, Smets LA: **Mitochondrial effects of the guanidino group-containing cytostatic drugs, m-iodobenzylguanidine and methylglyoxal bis (guanylhydrazone)**. *Biochem Pharmacol* 1991, **42**(4):793-798.

263 Pandey SK, Zheng X, Morgan J, Missert JR, Liu TH, Shibata M, Bellnier DA, Oseroff AR, Henderson BW, Dougherty TJ *et al*: **Purpurinimide carbohydrate conjugates: effect of the position of the carbohydrate moiety in photosensitizing efficacy**. *Mol Pharm* 2007, **4**(3):448-464.

264 Yoshida H, Okumura K, Hori R: **Subcellular distribution of basic drugs accumulated in the isolated perfused lung**. *Pharm Res* 1987, **4**(1):50-53.

265 Miniati M, Paci A, Cocci F, Ciarimboli G, Monti S, Pistolesi M: **Mitochondria act as a reservoir for the basic amine HIPDM in the lung**. *European Respiratory Journal* 1996, **9**(11):2306-2312.

266 Fellous R, Coulaud D, Elabed I, Roques BP, Lepecq JB, Delain E, Gouyette A: **Cytoplasmic Accumulation of Ditercalinium in Rat Hepatocytes and Induction of Mitochondrial Damage**. *Cancer Research* 1988, **48**(22):6542-6549.

267 Salvi M, Brunati AM, Clari G, Toninello A: **Interaction of genistein with the mitochondrial electron transport chain results in opening of the membrane transition pore**. *Biochimica Et Biophysica Acta-Bioenergetics* 2002, **1556**(2-3):187-196.

268 Doherty WP, Campbell TC: **Aflatoxin Inhibition of Rat-Liver Mitochondria**. *Chemico-Biological Interactions* 1973, **7**(2):63-77.
269 Hayes AW: **Action of Rubratoxin-B on Mouse-Liver Mitochondria**. *Toxicology* 1976, **6**(2):253-261.
272 Whitaker JE, Haugland RP, Moore PL, Hewitt PC, Reese M, Haugland RP: **Cascade Blue Derivatives - Water-Soluble, Reactive, Blue Emission Dyes Evaluated as Fluorescent Labels and Tracers**. *Analytical Biochemistry* 1991, **198**(1):119-130.
275 Barraja P, Diana P, Montalbano A, Dattolo G, Cirrincione G, Viola G, Vedaldi D, Dall'Acqua F: **Pyrrolo[2,3-h]quinolinones: A new ring system with potent photoantiproliferative activity**. *Bioorganic & Medicinal Chemistry* 2006, **14**(24):8712-8728.
277 Tian E, Landowski TH, Stephens OW, Yaccoby S, Barlogie B, Shaughnessy JD: **Ellipticine derivative NSC 338258 represents a potential new antineoplastic agent for the treatment of multiple myeloma**. *Molecular Cancer Therapeutics* 2008, **7**(3):500-509.
278 Liu A, Pajkovic N, Pang Y, Zhu DW, Calamini B, Mesecar AL, van Breemen RB: **Absorption and subcellular localization of lycopene in human prostate cancer cells**. *Molecular Cancer Therapeutics* 2006, **5**(11):2879-2885.
279 Mistry JS, Jani JP, Morris G, Mujumdar RB, Reynolds IJ, Sebti SM, Lazo JS: **Synthesis and Evaluation of Fluoromycin - a Novel Fluorescence-Labeled Derivative of Talisomycin S10b**. *Cancer Research* 1992, **52**(3):709-718.
282 Egorin MJ, Clawson RE, Ross LA, Schlossberger NM, Bachur NR: **Cellular Accumulation and Disposition of Aclacinomycin-A**. *Cancer Research* 1979, **39**(11):4396-4400.
283 Noodt BB, Rodal GH, Wainwright M, Peng Q, Horobin R, Nesland JM, Berg K: **Apoptosis induction by different pathways with methylene blue derivative and light from mitochondrial sites in V79 cells**. *International Journal of Cancer* 1998, **75**(6):941-948.
286 Barcia-Macay M, Mouaden F, Mingeot-Leclercq MP, Tulkens PM, Van Bambeke F: **Cellular pharmacokinetics of telavancin, a novel lipoglycopeptide antibiotic, and analysis of lysosomal changes in cultured eukaryotic cells (J774 mouse macrophages and rat embryonic fibroblasts)**. *J Antimicrob Chemother* 2008, **61**(6):1288-1294.
291 Jin L, Millard AC, Wuskell JP, Dong XM, Wu DQ, Clark HA, Loew LM: **Characterization and application of a new optical probe for membrane lipid domains**. *Biophysical Journal* 2006, **90**(7):2563-2575.
293 Jilkina O, Kong HJ, Hwi L, Kuzio B, Xiang B, Manley D, Jackson M, Kupriyanov VV: **Interaction of a mitochondrial membrane potential-sensitive dye, rhodamine 800, with rat mitochondria, cells, and perfused hearts**. *Journal of Biomedical Optics* 2006, **11**(1):-.
294 Hed J, Dahlgren C, Rundquist I: **A Simple Fluorescence Technique to Stain the Plasma-Membrane of Human-Neutrophils**. *Histochemistry* 1983, **79**(1):105-110.
295 Detty MR, Prasad PN, Donnelly DJ, Ohulchanskyy T, Gibson SL, Hilf R: **Synthesis, properties, and photodynamic properties in vitro of heavy-chalcogen analogues of tetramethylrosamine**. *Bioorganic & Medicinal Chemistry* 2004, **12**(10):2537-2544.
296 Soultanakis RP, Melamede RJ, Bespalov IA, Wallace SS, Beckman KB, Ames BN, Taatjes DJ, Janssen-Heininger YMW: **Fluorescence detection of 8-oxoguanine in nuclear and mitochondrial DNA of cultured cells using a recombinant Fab and confocal scanning laser microscopy**. *Free Radical Biology and Medicine* 2000, **28**(6):987-998.
298 Croce AC, Supino R, Lanza KS, Locatelli D, Baglioni P, Bottiroli G: **Photosensitizer accumulation in spontaneous multidrug resistant cells: a comparative study with Rhodamine 123, Rose Bengal acetate and Photofrin (R)**. *Photochemical & Photobiological Sciences* 2002, **1**(1):71-78.
299 Patito IA, Rothmann C, Malik Z: **Nuclear transport of photosensitizers during photosensitization and oxidative stress**. *Biology of the Cell* 2001, **93**(5):285-291.
301 Nuno Silva J, Haigle J, Tome JP, Neves MG, Tome AC, Maziere JC, Maziere C, Santus R, Cavaleiro JA, Filipe P *et al*: **Enhancement of the photodynamic activity of tri-cationic porphyrins towards proliferating keratinocytes by conjugation to poly-S-lysine**. *Photochem Photobiol Sci* 2006, **5**(1):126-133.
302 Ko YJ, Yun KJ, Kang MS, Park J, Lee KT, Park SB, Shin JH: **Synthesis and in vitro photodynamic activities of water-soluble fluorinated tetrapyridylporphyrins as tumor photosensitizers**. *Bioorganic & Medicinal Chemistry Letters* 2007, **17**(10):2789-2794.
303 Yslas EI, Durantini EN, Rivarola VA: **Zinc-(II) 2,9,16,23-tetrakis (methoxy) phthalocyanine: Potential photosensitizer for use in photodynamic therapy in vitro**. *Bioorganic & Medicinal Chemistry* 2007, **15**(13):4651-4660.
306 Chen SR, Gee KR: **Redox-dependent trafficking of 2,3,4,5,6-pentafluorodihydrotetramethylrosaimine, a**

novel fluorogenic indicator of cellular oxidative activity. *Free Radical Biology and Medicine* 2000, **28**(8):1266-1278.

Hoyer-Hansen M, Bastholm L, Mathiasen IS, Elling F, Jaattela M: **Vitamin D analog EB1089 triggers**
308 **dramatic lysosomal changes and Beclin 1-mediated autophagic cell death**. *Cell Death and Differentiation* 2005, **12**(10):1297-1309.

S. Jones CM, A. Belzacq-Casagrande, C. Brenner and J. Howl: **Mitoparans: mitochondriotoxic cell**
309 **penetratinb peptides and novel inducer of apoptosis**. In: *the **4th International Peptide Symposium** in conjunction with the **7th Australian Peptide Conference** and the **2nd Asia-Pacific International Peptide Symposium, 2007**: 2007*; 2007.

Vickers AEM, Sipes IG, Brendel K: **Metabolism-Related Spectral Characterization and Subcellular-**
312 **Distribution of Polychlorinated Biphenyl Congeners in Isolated Rat Hepatocytes**. *Biochemical Pharmacology* 1986, **35**(2):297-306.

Lottner C, Knuechel R, Bernhardt G, Brunner H: **Distribution and subcellular localization of a water-soluble**
313 **hematoporphyrin-platinum(II) complex in human bladder cancer cells**. *Cancer Letters* 2004, **215**(2):167-177.

315 Dial LD, Anestis DK, Kennedy SR, Rankin GO: **Tissue distribution, subcellular localization and covalent binding of 2-chloroaniline and 4-chloroaniline in Fischer 344 rats**. *Toxicology* 1998, **131**(2-3):109-119.

316 Choie DD, del Campo AA, Guarino AM: **Subcellular localization of cis-dichlorodiammineplatinum(II) in rat kidney and liver**. *Toxicol Appl Pharmacol* 1980, **55**(2):245-252.

317 Woo YT, Argus MF, Arcos JC: **Tissue and Subcellular-Distribution of Dioxane-H-3 in Rat and Apparent Lack of Microsome-Catalyzed Covalent Binding in Target Tissue**. *Life Sciences* 1977, **21**(10):1447-1456.

Saito Y, Fukuhara A, Nishio K, Hayakawa M, Ogawa Y, Sakamoto H, Fujii K, Yoshida Y, Niki E:
319 **Characterization of cellular uptake and distribution of coenzyme Q(10) and vitamin E in PC12 cells**. *J Nutr Biochem* 2008.

322 Ono H, Saito Y, Imai K, Kato M: **Subcellular distribution of di-(2-ethylhexyl)phthalate in rat testis**. *J Toxicol Sci* 2004, **29**(2):113-124

Scherer K, Abels C, Baumler W, Ackermann G, Szeimies RM: **Structure-activity relationships of three**
323 **differently substituted 2,7,12,17-tetrakis-(beta-methoxyethyl) porphycene derivatives in vitro**. *Archives of Dermatological Research* 2004, **295**(12):535-541.

Ribou AC, Vigo J, Kohen E, Salmon JM: **Microfluorometric study of oxygen dependence of (1''-pyrene**
324 **butyl)-2-rhodamine ester probe in mitochondria of living cells**. *Journal of Photochemistry and Photobiology B-Biology* 2003, **70**(2):107-115.

O'Malley YQ, Abdalla MY, McCormick ML, Reszka KJ, Denning GM, Britigan BE: **Subcellular localization**
325 **of Pseudomonas pyocyanin cytotoxicity in human lung epithelial cells**. *American Journal of Physiology-Lung Cellular and Molecular Physiology* 2003, **284**(2):L420-L430.

326 Burger AM, Jenkins TC, Double JA, Bibby MC: **Cellular uptake, cytotoxicity and DNA-binding studies of the novel imidazoacridinone antineoplastic agent C1311**. *British Journal of Cancer* 1999, **81**(2):367-375.

Lansiaux A, Tanious F, Mishal Z, Dassonneville L, Kumar A, Stephens CE, Hu QY, Wilson WD, Boykin DW,
327 Bailly C: **Distribution of furamidine analogues in tumor cells: Targeting of the nucleus or mitochondria depending on the amidine substitution**. *Cancer Research* 2002, **62**(24):7219-7229.

Cauchon N, Tian H, Langlois R, La Madeleine C, Martin S, Ali H, Hunting D, van Lier JE: **Structure-**
328 **photodynamic activity relationships of substituted zinc trisulfophthalocyanines**. *Bioconjug Chem* 2005, **16**(1):80-89.

Boga C, Puggioli S, Gherpelli M, Farruggia G, Pagnotta E, Masotti L, Neyroz P: **Fluorescein conjugates of 9-**
329 **and 10-hydroxystearic acids: synthetic strategies, photophysical characterization, and confocal microscopy applications**. *Anal Biochem* 2004, **335**(2):196-209.

Liskamp RMJ, Brothman AR, Arcoleo JP, Miller OJ, Weinstein IB: **Cellular Uptake and Localization of**
330 **Fluorescent Derivatives of Phorbol Ester Tumor Promoters**. *Biochemical and Biophysical Research Communications* 1985, **131**(2):920-927.

Londosgagliardi D, Capri M, Aubelsadron G, Maral R: **Subcellular-Localization of Some Anthracycline**
331 **Derivatives in Ehrlich Ascites Tumor-Cells**. *Biochemical and Biophysical Research Communications* 1980, **97**(2):397-406.

332 Garbo GM: **Purpurins and benzochlorins as sensitizers for photodynamic therapy**. *Journal of Photochemistry and Photobiology B-Biology* 1996, **34**(2-3):109-116.

333 Berridge MV, Tan AS: **Characterization of the Cellular Reduction of 3-(4,5-Dimethylthiazol-2-Yl)-2,5-Diphenyltetrazolium Bromide (Mtt) - Subcellular-Localization, Substrate Dependence, and Involvement**

of Mitochondrial Electron-Transport in Mtt Reduction. *Archives of Biochemistry and Biophysics* 1993, **303**(2):474-482.

337 Bell RG, Matschin.Jt: **Intracellular Distribution of Vitamin K in Rat**. *Biochimica Et Biophysica Acta* 1969, **184**(3):597-&.

343 Nair PP, Bucana C: **Intracellular distribution of vitamin D in rat liver**. *Biochim Biophys Acta* 1966, **124**(2):254-259.

348 Ban S, Nakagawa H, Suzuki T, Miyata N: **Novel mitochondria-localizing TEMPO derivative for measurement of cellular oxidative stress in mitochondria**. *Bioorg Med Chem Lett* 2007, **17**(7):2055-2058.

351 Ghosh SC, Auzenne E, Farquhar D, Klostergaard J: **N,N-Dimethylsphingosine-Coumarin: Synthesis, chemical characterization, and biological evaluation**. *Bioconjugate Chemistry* 2007, **18**(3):731-735.

352 Sibrian-Vazquez M, Jensen TJ, Vicente MG: **Porphyrin-retinamides: synthesis and cellular studies**. *Bioconjug Chem* 2007, **18**(4):1185-1193.

353 Li HR, Jensen TJ, Fronczek FR, Vicente MGH: **Syntheses and properties of a series of cationic water-soluble phthalocyanines**. *Journal of Medicinal Chemistry* 2008, **51**(3):502-511.

354 Sibrian-Vazquez M, Jensen TJ, Hammer RP, Vicente MG: **Peptide-mediated cell transport of water soluble porphyrin conjugates**. *J Med Chem* 2006, **49**(4):1364-1372.

355 Dickinson BC, Chang CJ: **A targetable fluorescent probe for imaging hydrogen peroxide in the mitochondria of living cells**. *Journal of the American Chemical Society* 2008, **130**(30):9638-+.

357 Amit I, Malik Z, Kessel D: **Photoproduct formation from a zinc benzochlorin iminium salt detected by fluorescence microscopy**. *Photochemistry and Photobiology* 1999, **69**(6):700-702.

358 Cappelli A, Mancini A, Sudati F, Valenti S, Anzini M, Belloli S, Moresco RM, Matarrese M, Vaghi M, Fabro A *et al*: **Synthesis and biological characterization of novel 2-quinolinecarboxamide ligands of the peripheral benzodiazepine receptors bearing technetium-99m or rhenium**. *Bioconjug Chem* 2008, **19**(6):1143-1153.

359 Sekimata K, Hatano K, Ogawa M, Abe J, Magata Y, Biggio G, Serra M, Laquintana V, Denora N, Latrofa A *et al*: **Radiosynthesis and in vivo evaluation of N-[11C]methylated imidazopyridineacetamides as PET tracers for peripheral benzodiazepine receptors**. *Nucl Med Biol* 2008, **35**(3):327-334.

362 Vin V, Leducq N, Bono F, Herbert JM: **Binding characteristics of SSR180575, a potent and selective peripheral benzodiazepine ligand**. *Biochemical and Biophysical Research Communications* 2003, **310**(3):785-790.

365 Okuyama S, Chaki S, Yoshikawa R, Ogawa S, Suzuki Y, Okubo T, Nakazato A, Nagamine M, Tomisawa K: **Neuropharmacological profile of peripheral benzodiazepine receptor agonists, DAA1097 and DAA1106**. *Life Sci* 1999, **64**(16):1455-1464.

366 Campiani G, Nacci V, Fiorini I, De Filippis MP, Garofalo A, Ciani SM, Greco G, Novellino E, Williams DC, Zisterer DM *et al*: **Synthesis, biological activity, and SARs of pyrrolobenzoxazepine derivatives, a new class of specific "peripheral-type" benzodiazepine receptor ligands**. *J Med Chem* 1996, **39**(18):3435-3450.

368 Nepomuceno MF, Mamede MED, de Macedo DV, Alves AA, Pereira-da-Silva L, Tabak M: **Antioxidant effect of dipyridamole and its derivative RA-25 in mitochondria: correlation of activity and location in the membrane**. *Biochimica Et Biophysica Acta-Biomembranes* 1999, **1418**(2):285-294.

370 Davies LP, Barlin GB, Selley ML: **New Imidazo[1,2-(B)under-Bar]Pyridazine Ligands for Peripheral-Type Benzodiazepine Receptors on Mitochondria and Monocytes**. *Life Sciences* 1995, **57**(25):Pl381-Pl386.

372 Davia K, King D, Hong YL, Swavey S: **A porphyrin-ruthenium photosensitizer as a potential photodynamic therapy agent**. *Inorganic Chemistry Communications* 2008, **11**(5):584-586.

373 Laquintana V, Denora N, Lopedota A, Suzuki H, Sawada M, Serra M, Biggio G, Latrofa A, Trapani G, Liso G: **N-benzyl-2-(6,8-dichloro-2-(4-chlorophenyl)imidazo[1,2-a]pyridin-3-yl)-N-(6-(7-nitrobenzo[c][1,2,5]oxadiazol-4-ylamino)hexyl)acetamide as a new fluorescent probe for peripheral benzodiazepine receptor and microglial cell visualization**. *Bioconjugate Chemistry* 2007, **18**(5):1397-1407.

376 Machado AHA, Braga FMP, Soares CP, Pelisson MMM, Beltrame M, Da Silva NS: **Photodynamic therapy with a new photosensitizing agent**. *Photomedicine and Laser Surgery* 2007, **25**(3):220-228.

378 Sibrian-Vazquez M, Jensen TJ, Vicente MGH: **Synthesis, characterization, and metabolic stability of porphyrin-peptide conjugates bearing bifunctional signaling sequences**. *Journal of Medicinal Chemistry* 2008, **51**(10):2915-2923.

379 Hofman JW, van Zeeland F, Turker S, Talsma H, Lambrechts SAG, Sakharov DV, Hennink WE, van Nostrum CF: **Peripheral and axial substitution of phthalocyanines with solketal groups: Synthesis and in vitro evaluation for photodynamic therapy**. *Journal of Medicinal Chemistry* 2007, **50**(7):1485-1494.

380 Liu W, Jensen TJ, Fronczek FR, Hammer RP, Smith KM, Vicente MG: **Synthesis and cellular studies of nonaggregated water-soluble phthalocyanines**. *J Med Chem* 2005, **48**(4):1033-1041.

Liu JY, Jiang XJ, Fong WP, Ng DK: **Synthesis, Characterization, and In Vitro Photodynamic Activity of**
382 **Novel Amphiphilic Zinc(II) Phthalocyanines Bearing Oxyethylene-Rich Substituents**. *Met Based Drugs* 2008, **2008**:284691.
Zhou WL, Yan P, Wuskell JP, Loew LM, Antic SD: **Intracellular long-wavelength voltage-sensitive dyes**
383 **dynamics of action potentials in axons and thin for studying the dendrites**. *Journal of Neuroscience Methods* 2007, **164**(2):225-239.
Matiukas A, Mitrea BG, Pertsov AM, Wuskell JP, Wei MD, Watras J, Millard AC, Loew LM: **New near-**
384 **infrared optical probes of cardiac electrical activity**. *American Journal of Physiology-Heart and Circulatory Physiology* 2006, **290**(6):H2633-H2643.
Wuskell JP, Boudreau D, Wei MD, Jin L, Engl R, Chebolu R, Bullen A, Hoffacker KD, Kerimo J, Cohen LB *et*
385 *al*: **Synthesis, spectra, delivery and potentiometric responses of new styryl dyes with extended spectral ranges**. *Journal of Neuroscience Methods* 2006, **151**(2):200-215.
387 Sibrian-Vazquez M, Jensen TJ, Fronczek FR, Hammer RP, Vicente MGH: **Synthesis and characterization of positively charged porphyrin-peptide conjugates**. *Bioconjugate Chemistry* 2005, **16**(4):852-863.
Yang YJ, Lowry M, Xu XY, Escobedo JO, Sibrian-Vazcluez M, Wong L, Schowalter CM, Jensen TJ, Fronczek
388 FR, Warner IM *et al*: **Seminaphthofluorones are a family of water-soluble, low molecular weight, NIR-emitting fluorophores**. *Proceedings of the National Academy of Sciences of the United States of America* 2008, **105**(26):8829-8834.
393 Sibrian-Vazquez M, Jensen TJ, Vicente MGH: **Synthesis and cellular studies of PEG-functionalized meso-tetraphenylporphyrins**. *Journal of Photochemistry and Photobiology B-Biology* 2007, **86**(1):9-21.
399 Comuzzi C, Cogoi S, Overhand M, Van der Marel GA, Overkleeft HS, Xodo LE: **Synthesis and biological evaluation of new pentaphyrin macrocycles for photodynamic therapy**. *J Med Chem* 2006, **49**(1):196-204.
Mak NK, Kok TW, Wong RNS, Lam SW, Lau YK, Leung WN, Cheung NH, Huang DP, Yeung LL, Chang CK:
400 **Photodynamic activities of sulfonamide derivatives of porphycene on nasopharyngeal carcinoma cells**. *Journal of Biomedical Science* 2003, **10**(4):418-429.
403 Hammer ND, Lee S, Vesper BJ, Elseth KM, Hoffman BM, Barrett AG, Radosevich JA: **Charge dependence of cellular uptake and selective antitumor activity of porphyrazines**. *J Med Chem* 2005, **48**(26):8125-8133.
Laville I, Figueiredo T, Loock B, Pigaglio S, Maillard P, Grierson DS, Carrez D, Croisy A, Blais J: **Synthesis,**
405 **cellular internalization and photodynamic activity of glucoconjugated derivatives of tri and tetra(meta-hydroxyphenyl)chlorins**. *Bioorg Med Chem* 2003, **11**(8):1643-1652.
Gallagher WM, Allen LT, O'Shea C, Kenna T, Hall M, Gorman A, Killoran J, O'Shea DF: **A potent**
407 **nonporphyrin class of photodynamic therapeutic agent: cellular localisation, cytotoxic potential and influence of hypoxia**. *Br J Cancer* 2005, **92**(9):1702-1710.
Laville I, Pigaglio S, Blais JC, Doz F, Loock B, Maillard P, Grierson DS, Blais J: **Photodynamic efficiency of**
409 **diethylene glycol-linked glycoconjugated porphyrins in human retinoblastoma cells**. *J Med Chem* 2006, **49**(8):2558-2567.
Lee S, Vesper BJ, Zong H, Hammer ND, Elseth KM, Barrett AG, Hoffman BM, Radosevich JA: **Synthesis and**
410 **Biological Analysis of Thiotetra(ethylene glycol) monomethyl Ether-Functionalized Porphyrazines: Cellular Uptake and Toxicity Studies**. *Met Based Drugs* 2008, **2008**:391418.
411 Antic S, Zecevic D: **Optical signals from neurons with internally applied voltage-sensitive dyes**. *J Neurosci* 1995, **15**(2):1392-1405.
412 Bullen A, Saggau P: **High-speed, random-access fluorescence microscopy: II. Fast quantitative measurements with voltage-sensitive dyes**. *Biophys J* 1999, **76**(4):2272-2287.
413 Obaid AL, Loew LM, Wuskell JP, Salzberg BM: **Novel naphthylstyryl-pyridium potentiometric dyes offer advantages for neural network analysis**. *J Neurosci Methods* 2004, **134**(2):179-190.
414 Fromherz P, Hubener G, Kuhn B, Hinner MJ: **ANNINE-6plus, a voltage-sensitive dye with good solubility, strong membrane binding and high sensitivity**. *Eur Biophys J* 2008, **37**(4):509-514.
415 Kuhn B, Fromherz P: **Anellated hemicyanine dyes in a neuron membrane: Molecular Stark effect and optical voltage recording**. *Journal of Physical Chemistry B* 2003, **107**(31):7903-7913.
Yang YJ, Lowry M, Schowalter CM, Fakayode SO, Escobedo JO, Xu XY, Zhang HT, Jensen TJ, Fronczek FR,
417 Warner IM *et al*: **An organic white light-emitting fluorophore**. *Journal of the American Chemical Society* 2006, **128**(43):14081-14092.
Rahimipour S, Litichever-Coslovsky N, Alaluf M, Freeman D, Ehrenberg B, Weiner L, Mazur Y, Fridkin M,
418 Koch Y: **Novel methyl helianthrones as photosensitizers: Synthesis and biological evaluation**. *Photochemistry and Photobiology* 2005, **81**(2):250-258.
421 Wang Y, Zhang Y, Yu B: **The cytotoxicity of saponins correlates with their cellular internalization**.

ChemMedChem 2007, **2**(3):288-291.

Hirohara S, Obata M, Ogata S, Kajiwara K, Ohtsuki C, Tanihara M, Yano S: **Sugar-dependent aggregation of**
422 **glycoconjugated chlorins and its effect on photocytotoxicity in HeLa cells**. *Journal of Photochemistry and Photobiology B-Biology* 2006, **84**(1):56-63.

Schweitzer D, Zhu J, Jarori G, Tanaka J, Higa T, Davisson VJ, Helquist P: **Synthesis of carbamate derivatives**
423 **of iejimalides. Retention of normal antiproliferative activity and localization of binding in cancer cells**. *Bioorganic & Medicinal Chemistry* 2007, **15**(9):3208-3216.

Guan HJ, Liu XD, Peng WL, Cao RH, Ma Y, Chen HS, Xu AL: **beta-carboline derivatives: Novel**
424 **photosensitizers that intercalate into DNA to cause direct DNA damage in photodynamic therapy**. *Biochemical and Biophysical Research Communications* 2006, **342**(3):894-901.

Schmitt F, Govindaswamy P, Suss-Fink G, Ang WH, Dyson PJ, Juillerat-Jeanneret L, Therrien B: **Ruthenium**
425 **porphyrin compounds for photodynamic therapy of cancer**. *Journal of Medicinal Chemistry* 2008, **51**(6):1811-1816.

Bourre L, Simonneaux G, Ferrand Y, Thibaut S, Lajat Y, Patrice T: **Synthesis, and in vitro and in vivo**
426 **evaluation of a diphenylchlorin sensitizer for photodynamic therapy**. *J Photochem Photobiol B* 2003, **69**(3):179-192.

Lo PC, Chan CMH, Liu JY, Fong WP, Ng DKP: **Highly photocytotoxic glucosylated silicon(IV)**
427 **phthalocyanines. Effects of peripheral chloro substitution on the photophysical and photodynamic properties**. *Journal of Medicinal Chemistry* 2007, **50**(9):2100-2107.

428 Xu H, Jiang XJ, Chan EY, Fong WP, Ng DK: **Synthesis, photophysical properties and in vitro photodynamic activity of axially substituted subphthalocyanines**. *Org Biomol Chem* 2007, **5**(24):3987-3992.

Grichine A, Feofanov A, Karmakova T, Kazachkina N, Pecherskih E, Yakubovskaya R, Mironov A, Egret-
429 Charlier M, Vigny P: **Influence of the substitution of 3-vinyl by 3-formyl group on the photodynamic properties of chlorin P6: Molecular, cellular and in vivo studies**. *Photochemistry and Photobiology* 2001, **73**(3):267-277.

431 Su TL, Lin CT, Chen CH, Huang HM: **Synthesis of biotinylated glyfoline for immunoelectron microscopic localization**. *Bioconjugate Chemistry* 2000, **11**(2):278-281.

Kramer-Marek G, Serpa C, Szurko A, Widel M, Sochanik A, Snietura M, Kus P, Nunes RMD, Arnaut LG,
436 Ratuszna A: **Spectroscopic properties and photodynamic effects of new lipophilic porphyrin derivatives: Efficacy, localisation and cell death pathways (vol 84, pg 1, 2006)**. *Journal of Photochemistry and Photobiology B-Biology* 2006, **85**(3):228-228.

437 Slaninova I, Slanina J, Taborska E: **Quaternary benzo[c]phenanthridine alkaloids--novel cell permeant and red fluorescing DNA probes**. *Cytometry A* 2007, **71**(9):700-708.

Kralova J, Koivukorpi J, Kejik Z, Pouckova P, Sievanen E, Kolehmainen E, Kral V: **Porphyrin-bile acid**
439 **conjugates: from saccharide recognition in the solution to the selective cancer cell fluorescence detection**. *Org Biomol Chem* 2008, **6**(9):1548-1552.

442 Lo PC, Zhao B, Duan W, Fong WP, Ko WH, Ng DK: **Synthesis and in vitro photodynamic activity of mono-substituted amphiphilic zinc(II) phthalocyanines**. *Bioorg Med Chem Lett* 2007, **17**(4):1073-1077.

Alvarez MG, Principe F, Milanesio ME, Durantini EN, Rivarola V: **Photodynamic damages induced by a**
443 **monocationic porphyrin derivative in a human carcinoma cell line**. *Int J Biochem Cell Biol* 2005, **37**(12):2504-2512.

Gryshuk AL, Chen Y, Potter W, Ohulchansky T, Oseroff A, Pandey RK: **In vivo stability and photodynamic**
444 **efficacy of fluorinated bacteriopurpurinimides derived from bacteriochlorophyll-a**. *J Med Chem* 2006, **49**(6):1874-1881.bacteriopurpurinimides derived from bacteriochlorophyll-a

448 Lala AK: **Fluorescent and photoactivable probes in depth-dependent analysis of membranes**. *Chem Phys Lipids* 2002, **116**(1-2):177-188.

449 Lavis LD, Chao TY, Raines RT: **Fluorogenic label for biomolecular imaging**. *ACS Chem Biol* 2006, **1**(4):252-260.

Farruggia G, Iotti S, Prodi L, Montalti M, Zaccheroni N, Savage PB, Trapani V, Sale P, Wolf FI: **8-**
452 **Hydroxyquinoline derivatives as fluorescent sensors for magnesium in living cells**. *Journal of the American Chemical Society* 2006, **128**(1):344-350.

455 Petterse.Je, Aas M: **Subcellular-Localization of Hexadecanedioic Acid Activation in Human Liver**. *Journal of Lipid Research* 1974, **15**(6):551-556.

456 Ribou AC, Vigo J, Salmon JM: **Lifetime of fluorescent pyrene butyric acid probe in single living cells for measurement of oxygen fluctuation**. *Photochem Photobiol* 2004, **80**(2):274-280.

458 Burdette SC, Walkup GK, Spingler B, Tsien RY, Lippard SJ: **Fluorescent sensors for Zn(2+) based on a**

fluorescein platform: synthesis, properties and intracellular distribution. *J Am Chem Soc* 2001, **123**(32):7831-7841.

462 Salama G, Choi BR, Azour G, Lavasani M, Tumbev V, Salzberg BM, Patrick MJ, Ernst LA, Waggoner AS: **Properties of new, long-wavelength, voltage-sensitive dyes in the heart**. *J Membr Biol* 2005, **208**(2):125-140.

463 Ehrenberg B, Montana V, Wei MD, Wuskell JP, Loew LM: **Membrane-Potential Can Be Determined in Individual Cells from the Nernstian Distribution of Cationic Dyes**. *Biophysical Journal* 1988, **53**(5):785-794.

464 Grinvald A, Salzberg BM, Levram V, Hildesheim R: **Optical-Recording of Synaptic Potentials from Processes of Single Neurons Using Intracellular Potentiometric Dyes**. *Biophysical Journal* 1987, **51**(4):643-651.

465 Bouevitch O, Lewis A, Pinevsky I, Wuskell JP, Loew LM: **Probing membrane potential with nonlinear optics**. *Biophys J* 1993, **65**(2):672-679.

466 Shynkar VV, Klymchenko AS, Duportail G, Demchenko AP, Mely Y: **Two-color fluorescent probes for imaging the dipole potential of cell plasma membranes**. *Biochimica Et Biophysica Acta-Biomembranes* 2005, **1712**(2):128-136.

468 Lee PPS, Lo PC, Chan EYM, Fong WP, Ko WH, Ng DKP: **Synthesis and in vitro photodynamic activity of novel galactose-containing phthalocyanines**. *Tetrahedron Letters* 2005, **46**(9):1551-1554.

470 Camerin M, Rello S, Villanueva A, Ping XZ, Kenney ME, Rodgers MAJ, Jori G: **Photothermal sensitisation as a novel therapeutic approach for tumours: Studies at the cellular and animal level**. *European Journal of Cancer* 2005, **41**(8):1203-1212.

471 Kozikowski AP, Kotoula M, Ma D, Boujrad N, Tuckmantel W, Papadopoulos V: **Synthesis and biology of a 7-nitro-2,1,3-benzoxadiazol-4-yl derivative of 2-phenylindole-3-acetamide: a fluorescent probe for the peripheral-type benzodiazepine receptor**. *J Med Chem* 1997, **40**(16):2435-2439.

472 Lansiaux A, Dassonneville L, Facompre M, Kumar A, Stephens CE, Bajic M, Tanious F, Wilson WD, Boykin DW, Bailly C: **Distribution of furamidine analogues in tumor cells: influence of the number of positive charges**. *J Med Chem* 2002, **45**(10):1994-2002.

473 Serafim TL, Oliveira PJ, Sardao VA, Perkins E, Parke D, Holy J: **Different concentrations of berberine result in distinct cellular localization patterns and cell cycle effects in a melanoma cell line**. *Cancer Chemotherapy and Pharmacology* 2008, **61**(6):1007-1018.

474 Tarasiuk J, Stefanska B, Plodzich I, Tkaczyk-Gobis K, Seksek O, Martelli S, Garnier-Suillerot A, Borowski E: **Anthrapyridones, a novel group of antitumour non-cross resistant anthraquinone analogues. Synthesis and molecular basis of the cytotoxic activity towards K562/DOX cells**. *British Journal of Pharmacology* 2002, **135**(6):1513-1523.

475 Satz AL, White CM, Beerman TA, Bruice TC: **Double-stranded DNA binding characteristics and subcellular distribution of a minor groove binding diphenyl ether bisbenzimidazole**. *Biochemistry* 2001, **40**(21):6465-6474.

477 Lichtner RB, Rotgeri A, Bunte T, Buchmann B, Hoffmann J, Schwede W, Skuballa W, Klar U: **Subcellular distribution of epothilones in human tumor cells**. *Proc Natl Acad Sci U S A* 2001, **98**(20):11743-11748.

478 Charmantray F, Demeunynck M, Carrez D, Croisy A, Lansiaux A, Bailly C, Colson P: **4-Hydroxymethyl-3-aminoacridine derivatives as a new family of anticancer agents**. *J Med Chem* 2003, **46**(6):967-977.

479 Pavlov V, Kong Thoo Lin P, Rodilla V: **Cytotoxicity, DNA binding and localisation of novel bis-naphthalimidopropyl polyamine derivatives**. *Chem Biol Interact* 2001, **137**(1):15-24.

480 Belitsky JM, Leslie SJ, Arora PS, Beerman TA, Dervan PB: **Cellular uptake of N-methylpyrrole/N-methylimidazole polyamide-dye conjugates**. *Bioorganic & Medicinal Chemistry* 2002, **10**(10):3313-3318.

481 Wells G, Martin CRH, Howard PW, Sands ZA, Laughton CA, Tiberghien A, Woo CK, Masterson LA, Stephenson MJ, Hartley JA *et al*: **Design, synthesis, and biophysical and biological evaluation of a series of Pyrrolobenzodiazepine - Poly(N-methylpyrrole) conjugates**. *Journal of Medicinal Chemistry* 2006, **49**(18):5442-5461.

485 Mol WEM, Meijer DKF: **Hepatic Transport Mechanisms for Bivalent Organic Cations - Subcellular-Distribution and Hepatobiliary Concentration Gradients of Some Steroidal Muscle-Relaxants**. *Biochemical Pharmacology* 1990, **39**(2):383-390.

486 Nickols NG, Jacobs CS, Farkas ME, Dervan PB: **Improved nuclear localization of DNA-binding polyamides**. *Nucleic Acids Research* 2007, **35**(2):363-370.

488 Bickmeyer U, Grube A, Klings KW, Kock M: **Ageladine A, a pyrrole-imidazole alkaloid from marine sponges, is a pH sensitive membrane permeable dye (vol 373, pg 419, 2008)**. *Biochemical and Biophysical Research Communications* 2009, **383**(4):519-519.

492 Gogan P, Schmiedeljakob I, Chitti Y, Tycdumont S: **Fluorescence Imaging of Local Membrane Electric-Fields during the Excitation of Single Neurons in Culture**. *Biophysical Journal* 1995, **69**(2):299-310.
495 Mottram LF, Maddox E, Schwab M, Beaufils F, Peterson BR: **A concise synthesis of the Pennsylvania Green fluorophore and labeling of intracellular targets with O6-benzylguanine derivatives**. *Org Lett* 2007, **9**(19):3741-3744.
498 Mottram LF, Boonyarattanakalin S, Kovel RE, Peterson BR: **The Pennsylvania Green Fluorophore: a hybrid of Oregon Green and Tokyo Green for the construction of hydrophobic and pH-insensitive molecular probes**. *Org Lett* 2006, **8**(4):581-584.
499 Chauvin AS, Comby S, Song B, Vandevyver CD, Thomas F, Bunzli JC: **A polyoxyethylene-substituted bimetallic europium helicate for luminescent staining of living cells**. *Chemistry* 2007, **13**(34):9515-9526.
500 Galindo F, Burguete MI, Vigara L, Luis SV, Kabir N, Gavrilovic J, Russell DA: **Synthetic macrocyclic peptidomimetics as tunable pH probes for the fluorescence imaging of acidic organelles in live cells**. *Angewandte Chemie-International Edition* 2005, **44**(40):6504-6508.
502 Abbotto A, Baldini G, Beverina L, Chirico G, Collini M, D'Alfonso L, Diaspro A, Magrassi R, Nardo L, Pagani GA: **Dimethyl-pepep: a DNA probe in two-photon excitation cellular imaging**. *Biophysical Chemistry* 2005, **114**(1):35-41.
503 Allain C, Schmidt F, Lartia R, Bordeau G, Fiorini-Debuisschert C, Charra F, Tauc P, Teulade-Fichou MP: **Vinyl-pyridinium triphenylamines: Novel far-red emitters with high photostability and two-photon absorption properties for staining DNA**. *Chembiochem* 2007, **8**(4):424-433.
506 Li C, Greenwood TR, Bhujwalla ZM, Glunde K: **Synthesis and characterization of glucosamine-bound near-infrared probes for optical imaging**. *Organic Letters* 2006, **8**(17):3623-3626.
507 Beverina L, Crippa M, Landenna M, Ruffo R, Salice P, Silvestri F, Versari S, Villa A, Ciaffoni L, Collni E *et al*: **Assessment of water-soluble pi-extended squaraines as one- and two-photon singlet oxygen photosensitizers: Design, synthesis, and characterization**. *Journal of the American Chemical Society* 2008, **130**(6):1894-1902.
510 Jaffrezou JP, Chen G, Duran GE, Muller C, Bordier C, Laurent G, Sikic BI, Levade T: **Inhibition of Lysosomal Acid Sphingomyelinase by Agents Which Reverse Multidrug-Resistance**. *Biochimica Et Biophysica Acta-Molecular Cell Research* 1995, **1266**(1):1-8.
512 Van Bambeke F, Gerbaux C, Michot JM, d'Yvoire MB, Montenez JP, Tulkens PM: **Lysosomal alterations induced in cultured rat fibroblasts by long-term exposure to low concentrations of azithromycin**. *J Antimicrob Chemother* 1998, **42**(6):761-767.
513 Hjelle JT, Ruben Z: **Investigations in Intracellular Drug Storage - Localization of Disobutamide in Lysosomal and Nonlysosomal Vesicles**. *Toxicology and Applied Pharmacology* 1989, **101**(1):70-82.
516 Dastur DK, Thakkar BK, Desai PR: **Experimental Neurotoxicity of the Anorectic Fenfluramine .1. A Fine-Structural Model for Cerebral Lysosomal Storage and Neuroglial Reaction**. *Acta Neuropathologica* 1985, **67**(1-2):142-154.
517 Bispinck F, Fischer J, Lullmann-Rauch R, Ziegenhagen MW: **Time course of the tilorone-induced lysosomal accumulation of sulphated glycosaminoglycans in cultured fibroblasts**. *Experimental and Toxicologic Pathology* 1998, **50**(4-6):411-415.
518 Bispinck F, Fischer J, Lullmann-Rauch R, von Witzendorff B: **Lysosomal glycosaminoglycan storage as induced by dicationic amphiphilic drugs: Investigation into the mechanisms underlying the slow reversibility**. *Toxicology* 1998, **128**(2):91-100.
520 Soule JC, Neale G, Peters TJ: **Functional and Biochemical Evidence of Damage to Enterocytes Induced by Triparanol - Role of Lysosomes and Effect of a Gluten-Free Diet**. *Clinical Science and Molecular Medicine* 1976, **51**(1):19-25.
521 Agoston M, Orsi F, Feher E, Hagymasi K, Orosz Z, Blazovics A, Feher J, Vereckei A: **Silymarin and vitamin E reduce amiodarone-induced lysosomal phospholipidosis in rats**. *Toxicology* 2003, **190**(3):231-241.
522 Ni-Komatsu L, Orlow SJ: **Chemical genetic screening identifies tricyclic compounds that decrease cellular melanin content**. *Journal of Investigative Dermatology* 2008, **128**(5):1236-1247.
523 Staubli W, Schweizer W, Suter J: **Some Properties of Myeloid Bodies Induced in Rat-Liver by an Antidepressant Drug (Maprotiline)**. *Experimental and Molecular Pathology* 1978, **28**(2):177-195.
527 Sherer TB, Betarbet R, Greenamyre JT: **Environment, mitochondria, and Parkinson's disease**. *Neuroscientist* 2002, **8**(3):192-197.
529 Krogstad DJ, Schlesinger PH, Gluzman IY: **Antimalarials Increase Vesicle Ph in Plasmodium-Falciparum**. *Journal of Cell Biology* 1985, **101**(6):2302-2309.
530 Glaumann H, Motakefi AM, Jansson H: **Intracellular distribution and effect of the antimalarial drug**

mefloquine on lysosomes of rat liver. *Liver* 1992, **12**(4 Pt 1):183-190.

532 Li GL, Graham A, Chen YH, Dobhal MP, Morgan J, Zheng G, Kozyrev A, Oseroff A, Dougherty TJ, Pandey RK: **Synthesis, comparative photosensitizing efficacy, human serum albumin (Site II) binding ability, and intracellular localization characteristics of novel benzobacteriochlorins derived from vic-dihydroxybacteriochlorins**. *Journal of Medicinal Chemistry* 2003, **46**(25):5349-5359.

533 Houghton PJ, Sosinski J, Thakar JH, Boder GB, Grindey GB: **Characterization of the Intracellular-Distribution and Binding in Human Adenocarcinoma Cells of N-(4-Azidophenylsulfonyl)-N'-(4-Chlorophenyl)Urea (Ly219703), a Photoaffinity Analog of the Antitumor Diarylsulfonylurea Sulofenur**. *Biochemical Pharmacology* 1995, **49**(5):661-668.

534 Albert AE, Warwick GP: **The subcellular distribution of tritiated 4-dimethylaminoazobenzene and 2-methyl-4-dimethylaminoazobenzene in rat liver and spleen following a single oral administration**. *Chem Biol Interact* 1972, **5**(1):65-68.

535 Berson A, Descatoire V, Sutton A, Fau D, Maulny B, Vadrot N, Feldmann G, Berthon B, Tordjmann T, Pessayre D: **Toxicity of alpidem, a peripheral benzodiazepine receptor ligand, but not zolpidem, in rat hepatocytes: Role of mitochondrial permeability transition and metabolic activation**. *Journal of Pharmacology and Experimental Therapeutics* 2001, **299**(2):793-800.

536 Choi CF, Huang JD, Lo PC, Fong WP, Ng DKP: **Glycosylated zinc(II) phthalocyanines as efficient photosensitisers for photodynamic therapy. Synthesis, photophysical properties and in vitro photodynamic activity**. *Organic & Biomolecular Chemistry* 2008, **6**(12):2173-2181.

537 Chen Y, Zheng X, Dobhal MP, Gryshuk A, Morgan J, Dougherty TJ, Oseroff A, Pandey RK: **Methyl pyropheophorbide-a analogues: potential fluorescent probes for the peripheral-type benzodiazepine receptor. Effect of central metal in photosensitizing efficacy**. *J Med Chem* 2005, **48**(11):3692-3695.

538 Lo PC, Fong WP, Ng DK: **Effects of peripheral chloro substitution on the photophysical properties and in vitro photodynamic activities of galactose-conjugated silicon(IV) phthalocyanines**. *ChemMedChem* 2008, **3**(7):1110-1117.

539 Phelps MA, Foraker AB, Gao W, Dalton JT, Swaan PW: **A novel rhodamine-riboflavin conjugate probe exhibits distinct fluorescence resonance energy transfer that enables riboflavin trafficking and subcellular localization studies**. *Mol Pharm* 2004, **1**(4):257-266.

540 Rancan F, Wiehe A, Nobel M, Senge MO, Omari SA, Bohm F, John M, Roder B: **Influence of substitutions on asymmetric dihydroxychlorins with regard to intracellular uptake, subcellular localization and photosensitization of Jurkat cells**. *J Photochem Photobiol B* 2005, **78**(1):17-28.

542 Yan X, Grace WK, Yoshida TM, Habbersett RC, Velappan N, Jett JH, Keller RA, Marrone BL: **Characteristics of different nucleic acid staining dyes for DNA fragment sizing by flow cytometry**. *Anal Chem* 1999, **71**(24):5470-5480.

576 Jayaraman S: **Flow cytometric determination of mitochondrial membrane potential changes during apoptosis of T lymphocytic and pancreatic beta cell lines: comparison of tetramethylrhodamineethylester (TMRE), chloromethyl-X-rosamine (H2-CMX-Ros) and MitoTracker Red 580 (MTR580)**. *J Immunol Methods* 2005, **306**(1-2):68-79.

577 Whitaker JE, Moore PL, Haugland RP: **Dihydrotetramethylrosamine: a long wavelength, fluorogenic peroxidase substrate evaluated in vitro and in a model phagocyte**. *Biochem Biophys Res Commun* 1991, **175**(2):387-393.

578 Kweon SM, Kim HJ, Lee ZW, Kim SJ, Kim SI, Paik SG, Ha KS: **Real-time measurement of intracellular reactive oxygen species using mito tracker orange (CMH(2)TMRos)**. *Bioscience Reports* 2001, **21**(3):341-352.

579 Scorrano L, Petronilli V, Colonna R, Di Lisa F, Bernardi P: **Interactions of chloromethyltetramethylrosamine (Mitotracker Orange) with isolated mitochondria and intact cells**. *Ann N Y Acad Sci* 1999, **893**:391-395.

580 Li Y, Stansbury KH, Zhu H, Trush MA: **Biochemical characterization of lucigenin (Bis-N-methylacridinium) as a chemiluminescent probe for detecting intramitochondrial superoxide anion radical production**. *Biochem Biophys Res Commun* 1999, **262**(1):80-87.

582 Galluzzi L, Zamzami N, de La Motte Rouge T, Lemaire C, Brenner C, Kroemer G: **Methods for the assessment of mitochondrial membrane permeabilization in apoptosis**. *Apoptosis* 2007, **12**(5):803-813.

583 Rashid F, Horobin RW, Williams MA: **Predicting the behaviour and selectivity of fluorescent probes for lysosomes and related structures by means of structure-activity models**. *Histochem J* 1991, **23**(10):450-459.

584 Halle A, Hornung V, Petzold GC, Stewart CR, Monks BG, Reinheckel T, Fitzgerald KA, Latz E, Moore KJ, Golenbock DT: **The NALP3 inflammasome is involved in the innate immune response to amyloid-beta**. *Nature Immunology* 2008, **9**(8):857-865.

585 Lu W, Sun Q, Wan J, She ZJ, Jiang XG: **Cationic albumin-conjugated pegylated nanoparticles allow gene delivery into brain tumors via intravenous administration**. *Cancer Research* 2006, **66**(24):11878-11887.

586 Mironov SL, Ivannikov MV, Johansson M: **[Ca2+](i) signaling between mitochondria and endoplasmic reticulum in neurons is regulated by microtubules - From mitochondrial permeability transition pore to Ca2+-induced Ca2+ release**. *Journal of Biological Chemistry* 2005, **280**(1):715-721.

588 Pagano RE, Watanabe R, Wheatley C, Chen CS: **Use of N-[5-(5,7-dimethyl boron dipyrromethene difluoride-sphingomyelin to study membrane traffic along the endocytic pathway**. *Chemistry and Physics of Lipids* 1999, **102**(1-2):55-63.

589 Davenport L, Dale RE, Bisby RH, Cundall RB: **Transverse location of the fluorescent probe 1,6-diphenyl-1,3,5-hexatriene in model lipid bilayer membrane systems by resonance excitation energy transfer**. *Biochemistry* 1985, **24**(15):4097-4108.

590 Kaiser RD, London E: **Determination of the depth of BODIPY probes in model membranes by parallax analysis of fluorescence quenching**. *Biochim Biophys Acta* 1998, **1375**(1-2):13-22.

591 Haidekker MA, L'Heureux N, Frangos JA: **Fluid shear stress increases membrane fluidity in endothelial cells: a study with DCVJ fluorescence**. *Am J Physiol Heart Circ Physiol* 2000, **278**(4):H1401-1406.

592 Ritov VB, Banni S, Yalowich JC, Day BW, Claycamp HG, Corongiu FP, Kagan VE: **Non-random peroxidation of different classes of membrane phospholipids in live cells detected by metabolically integrated cis-parinaric acid**. *Biochim Biophys Acta* 1996, **1283**(2):127-140.

593 Lippincottschwartz J, Yuan LC, Bonifacino JS, Klausner RD: **Rapid Redistribution of Golgi Proteins into the Er in Cells Treated with Brefeldin-a - Evidence for Membrane Cycling from Golgi to Er**. *Cell* 1989, **56**(5):801-813.

594 Hempel SL, Buettner GR, O'Malley YQ, Wessels DA, Flaherty DM: **Dihydrofluorescein diacetate is superior for detecting intracellular oxidants: Comparison with 2 ',7 '-dichlorodihydrofluorescein diacetate, 5(and 6)-carboxy-2 ',7 '-dichlorodihydrofluorescein diacetate, and dihydrorhodamine 123**. *Free Radical Biology and Medicine* 1999, **27**(1-2):146-159.

595 Yu W, So PT, French T, Gratton E: **Fluorescence generalized polarization of cell membranes: a two-photon scanning microscopy approach**. *Biophys J* 1996, **70**(2):626-636.

598 Burkhardt JK, Hester S, Lapham CK, Argon Y: **The lytic granules of natural killer cells are dual-function organelles combining secretory and pre-lysosomal compartments**. *J Cell Biol* 1990, **111**(6 Pt 1):2327-2340.

600 Berns MW, Wang ZF, Dunn A, Wallace V, Venugopalan V: **Gene inactivation by multiphoton-targeted photochemistry**. *Proceedings of the National Academy of Sciences of the United States of America* 2000, **97**(17):9504-9507.

601 Qin Y, Lu M, Gong XG: **Dihydrorhodamine 123 is superior to 2,7-dichlorodihydrofluorescein diacetate and dihydrorhodamine 6G in detecting intracellular hydrogen peroxide in tumor cells**. *Cell Biology International* 2008, **32**(2):224-228.

602 Shapiro AB, Ling V: **Transport of LDS-751 from the cytoplasmic leaflet of the plasma membrane by the rhodamine-123-selective site of P-glycoprotein**. *European Journal of Biochemistry* 1998, **254**(1):181-188.

603 Barber L, Prince HM, Rossi R, Bertoncello I: **Fluoro-Gold: An alternative viability stain for multicolor flow cytometric analysis**. *Cytometry* 1999, **36**(4):349-354.

604 Makrigiorgos GM: **Detection of lipid peroxidation on erythrocytes using the excimer-forming property of a lipophilic BODIPY fluorescent dye**. *Journal of Biochemical and Biophysical Methods* 1997, **35**(1):23-35.

605 Drummen GPC, van Liebergen LCM, Op den Kamp JAF, Post JA: **C11-BODIPY581/591, an oxidation-sensitive fluorescent lipid peroxidation probe: (Micro)spectroscopic characterization and validation of methodology**. *Free Radical Biology and Medicine* 2002, **33**(4):473-490.

606 Millard PJ, Roth BL, Thi HPT, Yue ST, Haugland RP: **Development of the FUN-1 family of fluorescent probes for vacuole labeling and viability testing of yeasts**. *Applied and Environmental Microbiology* 1997, **63**(7):2897-2905.

607 Hallap T, Nagy S, Jaakma U, Johannisson A, Rodriguez-Martinez H: **Mitochondrial activity of frozen-thawed spermatozoa assessed by Mitotracker Deep Red 633**. *Theriogenology* 2005, **63**(8):2311-2322.

608 Bink K, Walch A, Feuchtinger A, Eisenmann H, Hutzler P, Hofler H, Werner M: **TO-PRO-3 is an optimal fluorescent dye for nuclear counterstaining in dual-colour FISH on paraffin sections**. *Histochemistry and Cell Biology* 2001, **115**(4):293-299.

609 Ward LD, Timasheff SN: **Cooperative Multiple Binding of Bisans and Daunomycin to Tubulin**. *Biochemistry* 1994, **33**(39):11891-11899.

611 Mukherjee S, Soe TT, Maxfield FR: **Endocytic sorting of lipid analogues differing solely in the chemistry of their hydrophobic tails**. *Journal of Cell Biology* 1999, **144**(6):1271-1284.

612 Krishna MMG, Periasamy N: **Fluorescence of organic dyes in lipid membranes: Site of solubilization and effects of viscosity and refractive index on lifetimes**. *Journal of Fluorescence* 1998, **8**(1):81-91.
613 Chiu I, Davis DM, Strominger JL: **Trafficking of spontaneously endocytosed MHC proteins**. *Proc Natl Acad Sci U S A* 1999, **96**(24):13944-13949.
615 Butler PJ, Norwich G, Weinbaum S, Chien S: **Shear stress induces a time- and position-dependent increase in endothelial cell membrane fluidity**. *American Journal of Physiology-Cell Physiology* 2001, **280**(4):C962-C969.
616 Straub M, Lodemann P, Holroyd P, Jahn R, Hell SW: **Live cell imaging by multifocal multiphoton microscopy**. *European Journal of Cell Biology* 2000, **79**(10):726-734.
617 Gidwani A, Holowka D, Baird B: **Fluorescence anisotropy measurements of lipid order in plasma membranes and lipid rafts from RBL-2H3 mast cells**. *Biochemistry* 2001, **40**(41):12422-12429.
618 Hemmrich K, Meersch M, von Heimburg D, Pallua N: **Applicability of the dyes CFSE, CM-Dil and PKH26 for tracking of human preadipocytes to evaluate adipose tissue engineering**. *Cells Tissues Organs* 2006, **184**(3-4):117-127.
620 Simard R: **Binding of Actinomycin D-3h to Heterochromatin as Studied by Quantitative High Resolution Radioautography**. *Journal of Cell Biology* 1967, **35**(3):716-&.
621 Stokke T, Steen HB: **Distinction of Leukocyte Classes Based on Chromatin-Structure-Dependent DNA-Binding of 7-Aminoactinomycin-D**. *Cytometry* 1987, **8**(6):576-583.
622 Kirschstein O, Sip M, Kittler L: **Quantitative and sequence-specific analysis of DNA-ligand interaction by means of fluorescent intercalator probes**. *Journal of Molecular Recognition* 2000, **13**(3):157-163.
623 Wistrom CA, Jones GM, Tobias PS, Sklar LA: **Fluorescence resonance energy transfer analysis of lipopolysaccharide in detergent micelles**. *Biophys J* 1996, **70**(2):988-997.
626 Pal R, Petri WA, Benyashar V, Wagner RR, Barenholz Y: **Characterization of the Fluorophore 4-Heptadecyl-7-Hydroxycoumarin - a Probe for the Headgroup Region of Lipid Bilayers and Biological-Membranes**. *Biochemistry* 1985, **24**(3):573-581.
627 Johnson ID, Kang HC, Haugland RP: **Fluorescent Membrane Probes Incorporating Dipyrrometheneboron Difluoride Fluorophores**. *Analytical Biochemistry* 1991, **198**(2):228-237.
628 Li H, Black PN, DiRusso CC: **A live-cell high-throughput screening assay for identification of fatty acid uptake inhibitors**. *Analytical Biochemistry* 2005, **336**(1):11-19.
630 Pin S, Chen HL, Lein PJ, Wang MM: **Nucleic acid binding agents exert local toxic effects on neurites via a non-nuclear mechanism**. *Journal of Neurochemistry* 2006, **96**(5):1253-1266.
631 Hoshi H, O'Brien J, Mills SL: **A novel fluorescent tracer for visualizing coupled cells in neural circuits of living tissue**. *Journal of Histochemistry & Cytochemistry* 2006, **54**(10):1169-1176.
635 Beisker W, Weller-Mewe EM, Nusse M: **Fluorescence enhancement of DNA-bound TO-PRO-3 by incorporation of bromodeoxyuridine to monitor cell cycle kinetics**. *Cytometry* 1999, **37**(3):221-229.
636 Kok JW, Babia T, Klappe K, Hoekstra D: **Fluorescent, Short-Chain C-6-Nbd-Sphingomyelin, but Not C-6-Nbd-Glucosylceramide, Is Subject to Extensive Degradation in the Plasma-Membrane - Implications for Signal-Transduction Related to Cell-Differentiation**. *Biochemical Journal* 1995, **309**:905-912.
639 Weston SA, Parish CR: **New Fluorescent Dyes for Lymphocyte Migration Studies - Analysis by Flow-Cytometry and Fluorescence Microscopy**. *Journal of Immunological Methods* 1990, **133**(1):87-97.
641 Grutzendler J, Tsai J, Gan WB: **Rapid labeling of neuronal populations by ballistic delivery of fluorescent dyes**. *Methods* 2003, **30**(1):79-85.
642 Malinin VS, Haque ME, Lentz BR: **The rate of lipid transfer during fusion depends on the structure of fluorescent lipid probes: A new chain-labeled lipid transfer probe pair**. *Biochemistry* 2001, **40**(28):8292-8299.
643 Montes LR, Lopez DJ, Sot J, Bagatolli LA, Stonehouse MJ, Vasil ML, Wu BX, Hannun YA, Goni FM, Alonso A: **Ceramide-enriched membrane domains in red blood cells and the mechanism of sphingomyelinase-induced hot-cold hemolysis**. *Biochemistry* 2008, **47**(43):11222-11230.
644 Watkins S, Geng XH, Li LH, Papworth G, Robbins PD, Drain P: **Imaging secretory vesicles by fluorescent protein insertion in propeptide rather than mature secreted peptide**. *Traffic* 2002, **3**(7):461-471.
645 Kim BG, Dai HN, McAtee M, Vicini S, Bregman BS: **Labeling of dendritic spines with the carbocyanine dye DiI for confocal microscopic imaging in lightly fixed cortical slices**. *Journal of Neuroscience Methods* 2007, **162**(1-2):237-243.
648 Lisboa S, Scherer GE, Quader H: **Localized endocytosis in tobacco pollen tubes: visualisation and dynamics of membrane retrieval by a fluorescent phospholipid**. *Plant Cell Rep* 2008, **27**(1):21-28.
649 Leung WY, Mao F, Haugland RP, Klaubert DH: **Lipophilic sulfophenylcarbocyanine dyes: Synthesis of a**

new class of fluorescent cell membrane probes. *Bioorganic & Medicinal Chemistry Letters* 1996, **6**(13):1479-1482.

650 Alba FJ, Daban JR: **Inhibition of peroxyoxalate chemiluminescence by intercalation of fluorescent acceptors between DNA bases**. *Photochemistry and Photobiology* 1999, **69**(4):405-409.

651 de Maziere AM, Hage WJ, Ubbels GA: **A method for staining of cell nuclei in Xenopus laevis embryos with cyanine dyes for whole-mount confocal laser scanning microscopy**. *J Histochem Cytochem* 1996, **44**(4):399-402.

653 Dumas D, Muller S, Gouin F, Baros F, Viriot ML, Stoltz JF: **Membrane fluidity and oxygen diffusion in cholesterol-enriched erythrocyte membrane**. *Archives of Biochemistry and Biophysics* 1997, **341**(1):34-39.

654 Lin HJ, Herman P, Lakowicz JR: **Fluorescence lifetime-resolved pH imaging of living cells**. *Cytometry Part A* 2003, **52A**(2):77-89.

655 Altan N, Chen Y, Schindler M, Simon SM: **Defective acidification in human breast tumor cells and implications for chemotherapy**. *Journal of Experimental Medicine* 1998, **187**(10):1583-1598.

657 Janas T, Yarus M: **Specific RNA binding to ordered phospholipid bilayers**. *Nucleic Acids Res* 2006, **34**(7):2128-2136.

658 Tsuboi T, Lippiat JD, Ashcroft FM, Rutter GA: **ATP-dependent interaction of the cytosolic domains of the inwardly rectifying K+ channel Kir6.2 revealed by fluorescence resonance energy transfer**. *Proc Natl Acad Sci U S A* 2004, **101**(1):76-81.

659 Ramoino P, Fronte P, Fato M, Beltrame F, Diaspro A: **Mapping cholesteryl ester analogue uptake and intracellular flow in Paramecium by confocal fluorescence microscopy**. *J Microsc* 2002, **208**(Pt 3):167-176.

660 Hwang J, Gheber LA, Margolis L, Edidin M: **Domains in cell plasma membranes investigated by near-field scanning optical microscopy**. *Biophysical Journal* 1998, **74**(5):2184-2190.

661 Simons M, Kramer EM, Macchi P, Rathke-Hartlieb S, Trotter J, Nave KA, Schulz JB: **Overexpression of the myelin proteolipid protein leads to accumulation of cholesterol and proteolipid protein in endosomes/lysosomes: implications for Pelizaeus-Merzbacher disease**. *Journal of Cell Biology* 2002, **157**(2):327-336.

662 Conti F, Fioravan.R, Malerba F, Wanke E: **Comparative Analysis of Extrinsic Fluorescence in Nerve Membranes and Lipid Bilayers**. *Biophysics of Structure and Mechanism* 1974, **1**(1):27-45.

663 Haller T, Dietl P, Deetjen P, Volkl H: **The lysosomal compartment as intracellular calcium store in MDCK cells: A possible involvement in InsP(3)-mediated Ca2+ release**. *Cell Calcium* 1996, **19**(2):157-165.

664 He W, Wang H, Hartmann LC, Cheng JX, Low PS: **In vivo quantitation of rare circulating tumor cells by multiphoton intravital flow cytometry**. *Proc Natl Acad Sci U S A* 2007, **104**(28):11760-11765.

666 Yarger DE, Patrick CB, Rapoport SI, Murphy EJ: **A continuous fluorometric assay for phospholipase A(2) activity in brain cytosol**. *J Neurosci Methods* 2000, **100**(1-2):127-133.

667 Moulton HM, Nelson MH, Hatlevig SA, Reddy MT, Iversen PL: **Cellular uptake of antisense morpholino oligomers conjugated to arginine-rich peptides**. *Bioconjug Chem* 2004, **15**(2):290-299.

668 Gielen E, Vercammen J, Sykora J, Humpolickova J, vandeVen M, Benda A, Hellings N, Hof M, Engelborghs Y, Steels P *et al*: **Diffusion of sphingomyelin and myelin oligodendrocyte glycoprotein in the membrane of OLN-93 oligodendroglial cells studied by fluorescence correlation spectroscopy**. *Comptes Rendus Biologies* 2005, **328**(12):1057-1064.

670 Lee HS, Mihailoff GA: **Fluorescent double-label study of lateral reticular nucleus projections to the spinal cord and periaqueductal gray in the rat**. *Anatomical Record* 1999, **256**(1):91-98.

672 James AM, Sharpley MS, Manas ARB, Frerman FE, Hirst J, Smith RAJ, Murphy MP: **Interaction of the mitochondria-targeted antioxidant MitoQ with phospholipid bilayers and ubiquinone oxidoreductases**. *Journal of Biological Chemistry* 2007, **282**(20):14708-14718.

673 Michihara A, Toda K, Kubo T, Fujiwara Y, Akasaki K, Tsuji H: **Disruptive effect of chloroquine on lysosomes in cultured rat hepatocytes**. *Biological & Pharmaceutical Bulletin* 2005, **28**(6):947-951.

675 Kong HJ, Boontheekul T, Mooney DJ: **Quantifying the relation between adhesion ligand-receptor bond formation and cell phenotype**. *Proceedings of the National Academy of Sciences of the United States of America* 2006, **103**(49):18534-18539.

676 Thanos S: **Specific Transcellular Carbocyanine-Labeling of Rat Retinal Microglia during Injury-Induced Neuronal Degeneration**. *Neuroscience Letters* 1991, **127**(1):108-112.

677 Jagasia R, Grote P, Westermann B, Conradt B: **DRP-1-mediated mitochondrial fragmentation during EGL-1-induced cell death in C. elegans**. *Nature* 2005, **433**(7027):754-760.

678 Hoekstra D, Deboer T, Klappe K, Wilschut J: **Fluorescence Method for Measuring the Kinetics of Fusion between Biological-Membranes**. *Biochemistry* 1984, **23**(24):5675-5681.

679 Nishimura SY, Vrljic M, Klein LO, McConnell HM, Moerner WE: **Cholesterol depletion induces solid-like regions in the plasma membrane**. *Biophysical Journal* 2006, **90**(3):927-938.
680 Maier B, Gluba W, Bernier B, Turner T, Mohammad K, Guise T, Sutherland A, Thorner M, Scrable H: **Modulation of mammalian life span by the short isoform of p53**. *Genes & Development* 2004, **18**(3):306-319.
681 Laib S, Seeger S: **FRET studies of the interaction of dimeric cyanine dyes with DNA**. *Journal of Fluorescence* 2004, **14**(2):187-191.
682 Rockwell PL, Storey BT: **Kinetics of onset of mouse sperm acrosome reaction induced by solubilized zona pellucida: Fluorimetric determination of loss of pH gradient between acrosomal lumen and medium monitored by Dapoxyl (2-aminoethyl) sulfonamide and of intracellular Ca2+ changes monitored by fluo-3**. *Molecular Reproduction and Development* 2000, **55**(3):335-349.
683 Mukherjee S, Zha X, Tabas I, Maxfield FR: **Cholesterol distribution in living cells: fluorescence imaging using dehydroergosterol as a fluorescent cholesterol analog**. *Biophys J* 1998, **75**(4):1915-1925.
684 Mangiardi DA, McLaughlin-Williamson K, May KE, Messana EP, Mountain DC, Cotanche DA: **Progression of hair cell ejection and molecular markers of apoptosis in the avian cochlea following gentamicin treatment**. *Journal of Comparative Neurology* 2004, **475**(1):1-18.
685 Sutton EJ, Henning TD, Pichler BJ, Bremer C, Daldrup-Link HE: **Cell tracking with optical imaging**. *European Radiology* 2008, **18**(10):2021-2032.
700 Ho C, Williams BW, Stubbs CD: **Analysis of cell membrane micro-heterogeneity using the fluorescence lifetime of DPH-type fluorophores**. *Biochim Biophys Acta* 1992, **1104**(2):273-282.
701 Fuchs P, Parola A, Robbins PW, Blout ER: **Fluorescence polarization and viscosities of membrane lipids of 3T3 cells**. *Proc Natl Acad Sci U S A* 1975, **72**(9):3351-3354.
702 Kuypers FA, van den Berg JJ, Schalkwijk C, Roelofsen B, Op den Kamp JA: **Parinaric acid as a sensitive fluorescent probe for the determination of lipid peroxidation**. *Biochim Biophys Acta* 1987, **921**(2):266-274.
705 Honegger UE, Roscher AA, Wiesmann UN: **Evidence for lysosomotropic action of desipramine in cultured human fibroblasts**. *J Pharmacol Exp Ther* 1983, **225**(2):436-441.
706 Walkup GK, Burdette SC, Lippard SJ, Tsien RY: **A New Cell-Permeable Fluorescent Probe for Zn2+**. *J Am Chem Soc* 2000, **122**(23):5644-5645.
708 Darzynkiewicz Z, Kapuscinski J, Carter SP, Schmid FA, Melamed MR: **Cytostatic and cytotoxic properties of pyronin Y: relation to mitochondrial localization of the dye and its interaction with RNA**. *Cancer Res* 1986, **46**(11):5760-5766.
709 Easton TG, Valinsky JE, Reich E: **Merocyanine 540 as a fluorescent probe of membranes: staining of electrically excitable cells**. *Cell* 1978, **13**(3):475-486.
711 Minier C, Moore MN: **Rhodamine B accumulation and MXR protein expression in mussel blood cells: Effects of exposure to vincristine**. *Marine Ecology-Progress Series* 1996, **142**(1-3):165-173.
712 Cooperstein SJ, Dixit PK, Lazarow A: **Studies on the Mechanism of Janus Green-B Staining of Mitochondria .4. Reduction of Janus Green-B by Isolated Cell Fractions**. *Anatomical Record* 1960, **138**(1):49-66.
713 Glunde K, Foss CA, Takagi T, Wildes F, Bhujwalla ZM: **Synthesis of 6 '-O-lissamine-rhodamine B-glucosamine as a novel probe for fluorescence imaging of lysosomes in breast tumors**. *Bioconjugate Chemistry* 2005, **16**(4):843-851.
714 Li J, Norwood DL, Mao LF, Schulz H: **Mitochondrial metabolism of valproic acid**. *Biochemistry* 1991, **30**(2):388-394.
715 Gerasimenko JV, Gerasimenko OV, Palejwala A, Tepikin AV, Petersen OH, Watson AJM: **Menadione-induced apoptosis: roles of cytosolic Ca2+ elevations and the mitochondrial permeability transition pore**. *Journal of Cell Science* 2002, **115**(3):485-497.
716 Maro B, Marty MC, Bornens M: **In vivo and in vitro effects of the mitochondrial uncoupler FCCP on microtubules**. *EMBO J* 1982, **1**(11):1347-1352.
717 Lim MLR, Minamikawa T, Nagley P: **The protonophore CCCP induces mitochondrial permeability transition without cytochrome c release in human osteosarcoma cells**. *Febs Letters* 2001, **503**(1):69-74.
718 Hruban Z: **Pulmonary changes induced by amphophilic drugs**. *Environ Health Perspect* 1976, **16**:111-118.
719 Gangalum RK, Schibler MJ, Bhat SP: **Small heat shock protein alpha B-crystallin is part of cell cycle-dependent Golgi reorganization**. *Journal of Biological Chemistry* 2004, **279**(42):43374-43377.
720 Schneckenburger H, Wagner M, Kretzschmar M, Strauss WS, Sailer R: **Laser-assisted fluorescence microscopy for measuring cell membrane dynamics**. *Photochem Photobiol Sci* 2004, **3**(8):817-822.
721 http://www.invitrogen.com/site/us/en/home/support/Research-Tools/Image-Gallery/Image-Detail.2507.html

723 Miller CR, Clapp PJ, O'Brien DF: **Visible light-induced destabilization of endocytosed liposomes**. *Febs Letters* 2000, **467**(1):52-56.
724 Bianco F, Perrotta C, Novellino L, Francolini M, Riganti L, Menna E, Saglietti L, Schuchman EH, Furlan R, Clementi E *et al*: **Acid sphingomyelinase activity triggers microparticle release from glial cells**. *EMBO J* 2009, **28**(8):1043-1054.
725 Ducker CE, Draper JM, Xia ZP, Smith CD: **In vitro and cellular assays for palmitoyl acyltransferases using fluorescent lipidated peptides**. *Methods* 2006, **40**(2):166-170.
726 Windschiegl B, Orth A, Romer W, Berland L, Stechmann B, Bassereau P, Johannes L, Steinem C: **Lipid reorganization induced by Shiga toxin clustering on planar membranes**. *PLoS One* 2009, **4**(7):e6238.
727 Chen XC, Deng YL, Lin Y, Pang DW, Qing H, Qu F, Xie HY: **Quantum dot-labeled aptamer nanoprobes specifically targeting glioma cells**. *Nanotechnology* 2008, **19**(23).
728 Keizer K, Kuypers HGJM, Huisman AM, Dann O: **Diamidino Yellow Dihydrochloride (Dy.2hcl) - a New Fluorescent Retrograde Neuronal Tracer, Which Migrates Only Very Slowly out of the Cell**. *Experimental Brain Research* 1983, **51**(2):179-191.
729 Duvvuri M, Feng W, Mathis A, Krise JP: **A cell fractionation approach for the quantitative analysis of subcellular drug disposition.** Pharm Res 2004, 21(1):26-32.
730 Huang SS, Koh HA, Huang JS: **Suramin enters and accumulates in low pH intracellular compartments of v-sis-transformed NIH 3T3 cells.** FEBS Lett 1997, 416(3):297-301.
Invi Molecular Probes online inventory (www.invitrogen.com)

Supplemental Table 11: random dataset from DrugBank representing molecules with drug properties. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

ID	Chemical Structure
1	P(OC1[C@@H](O[C@H](n2c3cc(C)c(cc3nc2)C)C1O)CO)(OC(CNC(=O)CC[C@]1(/C=2/NC([C@@]3(N=C([C@@H](CCC(=O)N)[C@@]3(CC(=O)N)C)\C(=C\3/N=C(\C=C\4/N=C([C@@H](CCC(=O)N)C/4(C)C)\C=2\C)[C@@H](CCC(=O)N)[C@@]/3(CC(=O)N)C)\C)C)[C@@H]1CC(=O)N)C)C)(=O)[O-]
2	O=C([O-])[C@@H]([NH3+])Cc1[nH]cnc1
3	[S+](C[C@H]1O[C@@H](n2c3ncnc(N)c3nc2)[C@H](O)[C@@H]1O)(CC[C@H]([NH3+])C(=O)[O-])C
4	O=C([O-])[C@@H]([NH3+])Cc1ccccc1
5	O=C(N)CC[C@H]([NH3+])C(=O)[O-]
6	P(OC[C@H]1O[C@@H](n2c3ncnc(N)c3nc2)[C@H](O)[C@@H]1O)(=O)([O-])[O-]
7	OC1CC(C)(C)C(\C=C\C(=C\C=C\C(=C\C=C\C=C(\C=C\C=C(\C=C\C2C(CC(O)C=C2C)(C)C)/C)/C)\C)\C)=C(C1)C
8	O=C([O-])CCC(=O)[O-]
9	O=C([O-])CC[C@H]([NH3+])C(=O)[O-]
10	O=C([O-])C[NH3+]
11	Oc1c(C=O)c(cnc1C)CO
12	s1c[n+](Cc2cnc(nc2N)C)c(C)c1CCO
13	O(C(=O)C(NC(=O)C([NH3+])CC(=O)[O-])Cc1ccccc1)C
14	[nH]1c2c(ncnc2N)nc1
15	Clc1ccc(cc1)C(CC(=O)[O-])C[NH3+]
16	O(CC(O)C[NH2+]C(C)C)c1ccc(cc1)CCC(OC)=O
17	[NH3+]C(Cc1ccccc1)(C)C
18	S1C(Cc2ccc(OCC3(Oc4c(CC3)c(C)c(O)c(C)c4C)C)cc2)C(=O)[N-]C1=O
19	O1[C@H](CC)[C@](O)(C)[C@H](O)[C@@H](C)C(=O)[C@@H](C[C@](O)(C)[C@H](O[C@@H]2O[C@@H](C[C@H]([NH+](C)C)[C@H]2O)C)[C@@H]

	(C)[C@H](O[C@@H]2O[C@@H](C)[C@H](O)[C@](OC)(C2)C)[C@@H](C)C1=O)C
20	O(C)c1ccc(OC)cc1C(O)CNC(=O)C[NH3+]
21	O(C(=O)C(O)(C1CCCCC1)c1ccccc1)CC[N+](CC)(CC)C
22	S(=O)([O-])(=NC(=O)NC1CCC(CC1)C)c1ccc(cc1)CCNC(=O)N1CC(C)=C(CC)C1=O
23	Clc1cc2NC(N(S(=O)(=O)c2cc1S(=O)(=O)N)C)CCl
24	O1CC[NH2+]C[C@H]1[C@@H](Oc1ccccc1OCC)c1ccccc1
25	Oc1ccc(N)cc1C(=O)[O-]
26	O=C1NC(=O)[N-]C1(c1ccccc1)c1ccccc1
27	Clc1c2c(C([O-])=C3[C@H](C[C@@H]4[C@@](O)(C(=O)\C(=C(/O)\N)\C(=O)[C@H]4N(C)C)C3=O)[C@@]2(O)C)c(O)cc1
28	Clc1ccccc1C(n1ccnc1)(c1ccccc1)c1ccccc1
29	O=C([O-])C
30	S(=O)(=O)(N)c1ccc(N)cc1
31	Clc1c2CN3C(=NC(=O)[CH-]3)Nc2ccc1Cl
32	ClC(=C(c1ccc(OC)cc1)c1ccc(OC)cc1)c1ccc(OC)cc1
33	Ic1c(C(=O)[O-])c(I)c(NC(=O)C)c(I)c1NC(=O)C
34	S1[C@H]2N(C(C(=O)[O-])=C(C1)CSc1nnnn1C)C(=O)[C@@]2(OC)NC(=O)CSCC#N
35	O1[C@H](C)[C@@H](N[C@H]2C=C(CO)[C@H](O)[C@H](O)[C@H]2O)[C@H](O)[C@@H](O)[C@H]1O[C@H]1[C@H](O)[C@@H](O)[C@H](O[C@@H]1CO)O[C@H]1[C@H](O)[C@@H](O)[C@@H](O[C@@H]1CO)O
36	O1[C@@H]2[C@]34[C@H]([C@H]([NH+](CC3)C)Cc3c4c1c(O)cc3)C=C[C@@H]2O
37	O=C1N=C(Nc2n(cnc12)CCC(CO)CO)N
38	Clc1cccc(F)c1-c1noc(C)c1C(=O)N[C@H]1[C@H]2SC(C)(C)[C@@H](N2C1=O)C(=O)[O-]
39	O=C1N(C)C(=O)N(C)C(=O)C1(C(CC)C)CC=C
40	Clc1ccc(cc1S(=O)(=O)N)C1(O)NC(=O)c2c1cccc2
41	O=C1NC(=O)NC(=O)C1(C(CCC)C)CC
42	O=C1NC[C@H]([NH3+])C(=O)[N-][C@@H](CO)C(=O)N[C@@H](CNC(=O)C[C@@H]([NH3+])CCC[NH3+])C(=O)N\C(=C\NC(=O)N)\C(=O)NC1[C@@H]1NC(=[NH+]CC1)N
43	Clc1cc(Nc2ncnc3c2cc(OCCCN2CCOCC2)c(OC)c3)ccc1F
44	O1[C@](NC(=O)[C@@H]2C[C@H]3[C@H]([NH+](C2)C)Cc2c4c3cccc4[nH]c2)(C)C(=O)N2[C@@H](Cc3ccccc3)C(=O)N3[C@@H](CCC3)[C@]12O
45	o1c(ccc1[N+](=O)[O-])\C=N\NC(=O)N
46	[NH2+](CCCC1c2c(C=Cc3c1cccc3)cccc2)C
47	O1C(C)(C)C(=O)N(C)C1=O
48	OC[C@@H](NC(=O)[C@@H]1C=C2[C@H]([NH+](C1)C)Cc1c3c2cccc3[nH]c1)CC
49	Clc1ccc(cc1)C(N1CC[NH+](CC1)Cc1ccc(cc1)C(C)(C)C)c1ccccc1
50	s1cc(nc1N)/C(=N\OC(C(=O)[O-])(C)C)/C(=O)N[C@H]1[C@@H](N(S(=O)(=O)[O-])C1=O)C
51	O(CCCCC)c1ccc(cc1)-c1ccc(cc1)-c1ccc(cc1)C(=O)N[C@H]1C[C@@H](O)[C@@H](O)NC(=O)[C@H]2N(C[C@H](C)[C@@H]2O)C(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@H]2N(C[C@H](O)C2)C(=O)[C@@H](NC1=O)[C@H](O)C)[C@H](O)[C@@H](O)c1ccc(O)cc1)[C@H](O)C
52	Oc1cc(ccc1O)[C@@H](O)C[NH3+]
53	O(CC(CCC)(COC(=O)N)C)C(=O)N
54	S1c2c(N(c3c1cccc3)CCCN1CC[NH+](CC1)C)cc(SCC)cc2
55	Clc1ccccc1C1C(C(OCC)=O)=C(NC(C)=C1C(OC)=O)COCC[NH3+]
56	[nH+]1c2c(CCCC2)c(N)c2c1cccc2
57	n1c(N)c2nc(-c3ccccc3)c(nc2nc1N)N
58	Cl[C@@]12[C@H]([C@@H]3C[C@H](C)[C@](O)(C(=O)CO)[C@]3(C[C@@H]1O)C)CCC1=CC(=O)C=C[C@@]12C
59	Brc1ccc(cc1)[C@H](CC[NH+](C)C)c1ncccc1
60	Brc1ccc(OC)c(C(=O)NC[C@H]2[NH+](CCC2)CC)c1OC
61	S1[C@H]2N([C@@H](C(=O)[O-])C1(C)C)C(=O)[C@H]2NC(=O)[C@H]([NH3+])c1ccccc1
62	O(C(=O)[C@H](CO)c1ccccc1)C1CC2[NH+](C(C1)CC2)C
63	O[C@H]1C[C@@H](O)[C@H](\C=C\[C@@](O)(CCCCC)C)[C@H]1C\C=C\CCCC(=O)[O-]
64	Clc1cc2N(c3c(Sc2cc1)cccc3)CCCN1CC[NH+](CC1)C
65	[NH+]1(CCC(CC1)=C1c2c(C=Cc3c1cccc3)cccc2)C
66	S(=O)(=O)(N)c1cc2S(=O)(=O)NC(Nc2cc1C(F)(F)F)Cc1ccccc1
67	O(C)c1cc(C)c(\C=C\C(=C\C=C\C(=C/C(=O)[O-])\C)\C)c(C)c1C
68	O=C1N(C)C(=O)NC(=O)C1(CC)CC
69	s1c2c(ccc(O)c2)c(C(=O)c2ccc(OCC[NH+]3CCCCC3)cc2)c1-c1ccc(O)cc1
70	S(=O)(=O)(N)c1ccc(-n2nc(cc2-c2ccc(cc2)C)C(F)(F)F)cc1
71	Clc1cccc(Cl)c1-c1noc(C)c1C(=O)N[C@H]1[C@H]2SC(C)(C)[C@@H](N2C1=O)C(=O)[O-]
72	O=C(c1ccc(cc1)C)c1n(C)c(cc1)CC(=O)[O-]
73	OC(CC[N+](CC)(CC)CC)(C1CCCCC1)c1ccccc1
74	O=C([O-])C(CCC)CCC
75	O=C([O-])\C=C(\C=C\C=C(\C=C\C=1C(CCCC=1C)(C)C)/C)/C
76	O(C(=O)C=1C(C(C(OC)=O)=C(NC=1C)C)c1cc([N+](=O)[O-])ccc1)C(C[NH+](CCC(c1ccccc1)c1ccccc1)C)(C)C
77	O=C1N(C)C(=O)[N-]C1(CC)c1ccccc1
78	Clc1cc2c(Oc3c(N=C2N2CC[NH2+]CC2)cccc3)cc1
79	FC1=CNC(=O)NC1=O
80	Clc1c(cccc1Cl)-c1nnc(nc1N)N
81	S(=O)([O-])(=Nc1nc(nc(OCCO)c1Oc1ccccc1OC)-c1ncccn1)c1ccc(cc1)C(C)(C)C
82	O(C)c1cc(ccc1OC)C[C@H]1[N@+](CCc2cc(OC)c(OC)cc12)(CCC(OCCCCCOC(=O)CC[N@+]1(CCc2cc(OC)c(OC)cc2[C@H]1Cc1cc(OC)c(OC)cc1)C)=O)C
83	S1[C@H]2N(C(C(=O)[O-])=C(C1)C)C(=O)[C@H]2NC(=O)[C@H]([NH3+])c1ccccc1

84	[NH+]1(CCN(CC1)CC=Cc1ccccc1)C(c1ccccc1)c1ccccc1
85	O(C)c1cc2N([C@@H]3[C@@]4([C@H]5[NH+](CC=C[C@@]5(CC)[C@@H](OC(=O)C)[C@]3(O)C(OC)=O)CC4)c2cc1[C@@]1(c2[nH]c3c(c2CC[NH+]2C[C@@](O)(C[C@@H](C1)C2)CC)cccc3)C(OC)=O)C
86	FC(F)(F)c1cc(ccc1)CC([NH2+]CC)C
87	Clc1cccc(Cl)c1NC1=[NH+]CCN1
88	s1c(nnc1N=S(=O)([O-])c1ccc(N)cc1)C
89	S1[C@H]2N([C@@H](C(=O)[O-])C1(C)C)C(=O)[C@H]2NC(=O)C(C(=O)[O-])c1ccccc1
90	S(C(=O)[C@]1(OC(=O)CC)[C@@]2([C@H]([C@@H]3C[C@H](F)C4=CC(=O)C=C[C@]4(C)[C@@]3(F)[C@@H](O)C2)C[C@H]1C)C)CF
91	O=C(N[C@H]1C=C2[C@H](N(C1)C)Cc1c3c2cccc3[nH]c1)N(CC)CC
92	Clc1nc(C(=O)N=C(N)N)c(nc1N)N
93	Clc1cc(C(=O)NC2CC[NH+](CC2OC)CCCOc2ccc(F)cc2)c(OC)cc1N
94	Oc1cc(ccc1)[C@@H](O)[C@@H]([NH3+])C
95	Oc1cc2[C@@]34CCCC[C@@]3(O)[C@H]([NH+](CC4)CC3CCC3)Cc2cc1
96	O1c2c3c4c(c(O)c2C)C(=O)C(NC(=O)/C(=C\C=C/[C@@H](C)[C@@H](O)[C@H](C)[C@H](O)[C@H](C)[C@H](OC(=O)C)[C@H](C)[C@H](OC)\C=C/O[C@]1(C)C3=O)/C)=C1NC2(N=C14)CC[NH+](CC2)CC(C)C
97	F[C@@]12[C@H]([C@@H]3C[C@@H](O)[C@](O)(C(=O)CO)[C@]3(C[C@@H]1O)C)CCC1=CC(=O)C=C[C@@]12C
98	O=C1CC[C@@]2([C@@H]3[C@H]([C@@H]4CC[C@H](O)[C@]4(CC3)C)CCC2=C1)C
99	Clc1cc2c(NC(=O)C(N=C2c2ccccc2)C(=O)[O-])cc1
100	P(O)(=O)([O-])C(P(O)(=O)[O-])(O)CCC[NH3+]
101	Fc1ccc(cc1)Cn1c2c(nc1NC1CC[NH+](CC1)CCc1ccc(OC)cc1)cccc2
102	O(CCCC)c1ccc(cc1)C(=O)CC[NH+]1CCCCC1
103	Oc1cc2c(C[C@H]3[NH+](CC[C@]2(C)[C@H]3C)CC=C(C)C)cc1
104	Clc1cc(N2CCN(CC2)CCCN2N=C3N(C=CC=C3)C2=O)ccc1
105	O1C(CNC1=O)COc1cc(cc(c1)C)C
106	[NH3+]CCc1[nH]cnc1
107	Fc1ccc(cc1)[C@H]1N(CCO[C@H]1O[C@H](C)c1cc(cc(c1)C(F)(F)F)C(F)(F)F)CC1=NC(=O)[N-]N1
108	S1c2c(N(c3c1cccc3)C(=O)CCN1CCOCC1)cc(NC(OCC)=O)cc2
109	O1[C@H](CO)[C@@H](O)[C@H]([NH3+])[C@@H](O)[C@H]1O[C@@H]1[C@@H](O)[C@H](O[C@H]2O[C@H](C[NH3+])[C@@H](O)C[C@H]2[NH3+])[C@@H]([NH3+])C[C@H]1[NH3+]
110	Fc1cc(F)ccc1N1C=C(C(=O)[O-])C(=O)c2cc(F)c(nc12)N1C[C@@H]2[C@H](C1)C2[NH3+]
111	S1[C@H]2N(C(C(=O)[O-])=C(C1)COC(=O)C)C(=O)[C@H]2NC(=O)[C@H]([NH3+])c1ccccc1
112	Oc1cc(N(CC2=[NH+]CCN2)c2ccc(cc2)C)ccc1
113	Clc1cc(NCc2occc2)c(cc1S(=O)(=O)N)C(=O)[O-]
114	o1c(ccc1[N+](=O)[O-])\C=N/N1CC(=O)NC1=O
115	S(=O)(=O)(N(CC(C)C)C[C@@H](O)[C@@H](NC(O[C@H]1CCOC1)=O)Cc1ccccc1)c1ccc(N)cc1
116	O1[C@@H]2[C@]34CC[NH+]([C@H](Cc5c3c1c(O)cc5)[C@]4(O)CCC2=O)CC1CC1
117	O(C(C)c1c2[nH]c(C=C3N=C(C=C4N=C(C=c5[nH]c(=C2)c(C)c5C(O)C)C(C)=C4CCC(=O)[O-])C(CCC(=O)[O-])=C3C)c1C)C(C)c1c=2[nH]c(=Cc3[nH]c(\C=C\4/N=C(\C=C\5/N=C(C=2)C(C)=C/5CCC(=O)[O-])C(CCC(=O)[O-])=C/4C)c(C)c3C(O)C)c1C
118	S1C[C@H](O[C@H]1CO)N1C=CC(=NC1=O)N
119	O(C)c1ccc(OC)cc1C(O)C([NH3+])C
120	O(C(=O)C(O)c1ccccc1)C1CC2[N+](C(C1)CC2)(C)C
121	[NH+](CC(CN1c2c(CCc3c1cccc3)cccc2)C)(C)C
122	[N+]1(CCC(CC1)=C(c1ccccc1)c1ccccc1)(C)C
123	s1c2cc(OC(F)(F)F)ccc2nc1N
124	O(Cc1ccccc1)CC(N(CC[NH+](CCN(CC(=O)[O-])CC(=O)[O-])CC(=O)[O-])CC(=O)[O-])C(=O)[O-]
125	O=C(N(O)CCCCCNC(=O)CCC(=O)N(O)CCCCC[NH3+])CCC(=O)NCCCCCN(O)C(=O)C
126	O1C2C3N(C(CC(OC(=O)C(CO)c4ccccc4)C3)C12)C
127	O1CCc2c([nH]c3c2cccc3CC)C1(CC(=O)[O-])CC
128	[NH3+][C@@H]1CC1c1ccccc1
129	S([C@@H]1[NH2+][C@@H](CC1)C(=O)N(C)C)C=1[C@@H]([C@H]2N(C=1C(=O)[O-])C(=O)[C@@H]2[C@H](O)C)C
130	O=C(N[C@@H](C(C)(C)C)C(=O)NC)[C@@H]([C@H](O)C(=O)NO)CC(C)C
131	IC#CCOc1cc(Cl)c(Cl)cc1Cl
132	O=C1NCNC(=O)C1(CC)c1ccccc1
133	O(CC)c1nc2c(n1Cc1ccc(cc1)-c1ccccc1-c1nn[nH]n1)c(ccc2)C(=O)[O-]
134	S1CCC(c2cc(ccc12)C#Cc1ncc(cc1)C(OCC)=O)(C)C
135	Clc1c2c(cc(O)c1O)C(C[NH2+]CC2)c1ccc(O)cc1
136	O=C1N(CCCCC(=O)C)C(=O)N(c2ncn(c12)C)C
137	O(CCC)c1ccc(cc1N)C(OCC[NH+](CC)CC)=O
138	Clc1ccc(cc1S(=O)(=O)N)C(=O)NN1c2c(CC1C)cccc2
139	O=C1N(N(C(=O)[C-]1CCCC)c1ccccc1)c1ccccc1
140	O=C(N(C1CC[NH+](CC1)CCc1ccccc1)c1ccccc1)CC
141	Oc1cc(cc(O)c1)C(O)C[NH2+]C(C)C
142	O=C1c2c(N(C=C1C(=O)[O-])CC)cc(cc2)-c1ccncc1
143	Oc1c(cccc1C(C)C)C(C)C
144	s1c(nnc1S(=O)([O-])=[NH])NC(=O)C
145	O=C1N(C)C(=O)CC1c1ccccc1
146	O=C1CCC2=C3[C@H]([C@@H]4CC[C@@](O)(C#CC)[C@]4(C[C@@H]3c3ccc(N(C)C)cc3)C)CCC2=C1
147	Clc1cc2c(NC(=O)C(O)N=C2c2ccccc2)cc1
148	F[C@@H]1C2=CC(=O)CC[C@@]2([C@@H]2[C@H]([C@@H]3C[C@H]4OC(O[C@@]4(C(=O)CO)[C@]3(C[C@@H]2O)C)(C)C)C1)C
149	O=C1N(C)C(=O)NC(=O)C1(CC)c1ccccc1
150	O[C@H]([C@@H]([NH2+]C)C)c1ccccc1
151	SC([C@@H]([NH3+])C(=O)[O-])(C)C
152	O(CC(O)C[NH2+]C(C)C)c1ccccc1CC=C
153	Oc1ccc(cc1)CC[NH2+][C@H]([C@H](O)c1ccc(O)cc1)C
154	O(C(=O)c1ccc(NCCCC)cc1)CCOCCOCCOCCOCCOCCOCCOCCOC

155	s1c2S(=O)(=O)C(CC(NCC)c2cc1S(=O)(=O)N)C
156	Oc1cc(cc(O)c1)C(O)C[NH2+]C(C)(C)C
157	S1c2c(cc(cc2)C(F)(F)F)C(c2c1cccc2)=CCC[NH+]1CCN(CC1)CCO
158	Clc1ccc(N\C(=N\C(=[NH+]\CCCCCC\[NH+]=C(\N=C(\Nc2ccc(Cl)cc2)/N)/N)\N)\N)cc1
159	O=C1N2C(=NC=C1c1n[n-]nn1)C(=CC=C2)C
160	O=C1C=C2CCC3C([C@]2(C=C1)C)[C@@H](O)C[C@]1(C3C[C@@H](C)[C@@]1(C(=O)CC)C)C
161	O(C(=O)c1ccc(cc1)C)c1cc(ccc1OC(=O)c1ccc(cc1)C)C(O)C[NH2+]C(C)(C)C
162	s1ccc(C)c1C(=CCC[NH+]1C[C@@H](CCC1)C(=O)[O-])c1sccc1C
163	S(=O)(=O)(N)Cc1noc2c1cccc2
164	O[C@@H]1CC(C[C@@H](O)C1)=C\C=C/1\[C@@H]2CC[C@H]([C@@H](\C=C\[C@@H](C(O)(C)C)C)C)[C@]2(CCC\1)C
165	S(=O)(=O)(CCn1c(ncc1[N+](=O)[O-])C)CC
166	OCCn1c(ncc1[N+](=O)[O-])C
167	O=C1NN=C([C@@H](C1)C)c1ccc(NN=C(C#N)C#N)cc1
168	O1[C@H](CO)[C@@H](O)[C@@H](O)[C@@H]1N1C=NC(=NC1=O)N
169	S(=O)([O-])(=Nc1cc(ccc1)[C@@H](CC)C=1C(=O)C[C@](OC=1O)(CCc1ccccc1)CCC)c1ncc(cc1)C(F)(F)F
170	[NH2+](CCCC12CCC(c3c1cccc3)c1c2cccc1)C
171	Oc1ccccc1C(=O)[O-]
172	O(CC(COC(=O)N)c1ccccc1)C(=O)N
173	O(CC(O)C[NH2+]C(C)C)c1c2c([nH]cc2)ccc1
174	O1C(C)C(NC(=O)C=2C3=Nc4c(OC3=C(C)C(=O)C=2N)c(ccc4C(=O)NC2C(OC(=O)C(N(C)C(=O)CN(C)C(=O)C3N(CCC3)C(=O)C(NC2=O)C(C)C)C(C)C)C)C(=O)NC(C(C)C)C(=O)N2C(CCC2)C(=O)N(CC(=O)N(C)C(C(C)C)C1=O)C
175	[Se]=S
176	O=C([O-])CN(CC[NH+](CC(=O)[O-])CC(=O)[O-])CC(=O)[O-]
177	OC1(CCCC1)C(C(OCC[NH+](C)C)=O)c1ccccc1
178	O=C1CC[C@@H]2[C@@H]3[C@H]([C@@H]4CC[C@H](OC(=O)CCc5ccccc5)[C@]4(CC3)C)CCC2=C1
179	Oc1cc(ccc1O)CC[NH3+]
180	O(C(=O)N(CC)C)c1cc(ccc1)[C@@H]([NH+](C)C)C
181	O1[C@@H](C)[C@@H](O)[C@@H]([NH3+])C[C@@H]1O[C@@H]1c2c(C[C@](O)(C1)C(=O)CO)c(O)c1c(C(=O)c3c(cccc3OC)C1=O)c2O
182	O=C(N)c1cc2c3C[C@H]([NH2+]C)CCc3[nH]c2cc1
183	O=C(Nc1c(cccc1C)C)[C@H]1[NH+](CCCC1)CCCC
184	O=C1N=C(Nc2n(cnc12)COC(CO)CO)N
185	S(OCCCCOS(=O)(=O)C)(=O)(=O)C
186	O=C(c1cc(ccc1)C(C(=O)[O-])C)c1ccccc1
187	Oc1cc([N+](CC)(C)C)ccc1
188	FC(F)(F)c1cc(ccc1)CCC[NH2+][C@H](C)c1c2c(ccc1)cccc2
189	Oc1c2c(C[C@@H]3C(C(=O)[C@@]4(O)[C@@H](C3)[C@H](N(C)C)C(=O)/C(=C(\O)/N)/C4=O)=C2[O-])c(N(C)C)cc1
190	O1CC2=C(C=C3N(Cc4c3nc3c(c4)c(C[NH+](C)C)c(O)cc3)C2=O)[C@@](O)(CC)C1=O
191	O(C(=O)N)C1(CCCCC1)C#C
192	S(=O)(=O)(N(CCC)CCC)c1ccc(cc1)C(=O)[O-]
193	S1c2c(N(c3c1cccc3)CCCN1CC[NH+](CC1)CCO)cc(cc2)C(=O)CC
194	O=C/1C=C(C=C\C\1=C\C=C1C=CC(C=C1)=C(N)N)C(=[NH2+])N
195	[NH3+]C12CC3(CC(C1)(CC(C3)C2)C)C
196	O1c2c3c4c(c(O)c2C)C(O)=C(NC(=O)C(=C\C=C\[C@H](C)[C@@H](O)[C@H](C)[C@@H](O)[C@H](C)[C@@H](OC(=O)C)[C@@H](C)[C@@H](OC)\C=C\O[C@]1(C)C3=O)C)\C(=C/NN1CCN(CC1)C)\C4=O
197	O1[C@@H](Oc2ccc3c(OC([O-])=C(NC(=O)c4cc(CC=C(C)C)c(O)cc4)C3=O)c2C)[C@H](O)[C@H](OC(=O)N)[C@@H](OC)C1(C)C
198	S(P(OCC)(OCC)=O)CC[N+](C)(C)C
199	Fc1cc2c(N(C=C(C(=O)[O-])C2=O)CC)cc1N1CC[NH2+]CC1
200	S(=O)([O-])(=NC(=O)NC1CCCCC1)c1ccc(cc1)CCNC(=O)c1ncc(nc1)C
201	S1c2c(N(c3c1cccc3)CC([NH+](C)C)C)cccc2
202	[NH2+]1CCCCC1CC(C1CCCCC1)C1CCCCC1
203	O1C(=O)C=C([C@H]2CC[C@]3(O)[C@H]4[C@@H](C[C@@H](O)[C@]23C)[C@@]2([C@@H](C[C@@H](O[C@@H]3O[C@H](C)[C@@H](O[C@@H]5O[C@H](C)[C@@H](O[C@@H]6O[C@H](C)[C@@H](O[C@@H]7O[C@H](CO)[C@@H](O)[C@H](O)[C@H]7O)[C@@H](O)C6)[C@@H](O)C5)[C@@H](O)C3)CC2)CC4)C)[CH-]1
204	O=C([O-])CCC([NH3+])C=C
205	O(C(=O)C1(CC[NH+](CC1)CCC(C#N)(c1ccccc1)c1ccccc1)c1ccccc1)CC
206	O(C)c1cc(NC(CCC[NH3+])C)c2ncccc2c1
207	[N+]1(CCCC1)(CCCCC[N+]1(CCCC1)C)C
208	[NH+](Cc1c2c(ccc1)cccc2)(Cc1ccc(cc1)C(C)(C)C)C
209	FC(F)(F)c1ccc(NC(=O)c2cnoc2C)cc1
210	Oc1cc(ccc1O)[C@@H](O)C[NH2+]CCCCc1ccc(O)cc1
211	O(C)c1ccc(cc1)[C-]1C(=O)c2c(cccc2)C1=O
212	S(=O)(=O)(C[C@](O)(C(=O)Nc1cc(C(F)(F)F)c(cc1)C#N)C)c1ccc(F)cc1
213	Fc1cc2c3N(C=C(C(=O)[O-])C2=O)[C@H](COc3c1N1CCN(CC1)C)C
214	Clc1c(S(=O)(=O)N)cc(S(=O)(=O)N)cc1Cl
215	S1[C@H]2N(C(C(=O)[O-])=C(C1)\C=C\C)C(=O)[C@H]2NC(=O)[C@H]([NH3+])c1ccc(O)cc1
216	O1C(C(CC(C(O)CC(=O)c2ccc(N)cc2)C)C)C(\C=C/C=C\C=C/C=C\C=C/C=C\C=C/C(OC2O[C@H](C)[C@@H](O)[C@H]([NH3+])[C@@H]2O)CC2OC(O)(CC(O)C2C(=O)[O-])CC(O)CC(O)CC(O)CC(=O)CCCC(=O)CC1=O)C
217	Clc1cc(Cl)ccc1C(OCc1c2c(sc1)c(Cl)ccc2)Cn1ccnc1
218	Fc1ccc(cc1)[C@@]1(OCc2cc(ccc12)C#N)CCC[NH+](C)C
219	O1[C@@H](C)[C@@H](O)[C@@H]([NH3+])C[C@@H]1O[C@@H]1c2c(C[C@](O)(C1)C(=O)C)c(O)c1c(C(=O)c3c(cccc3)C1=O)c2O
220	FC(F)(F)COc1ccc(OCC(F)(F)F)cc1C(=O)NCC1[NH2+]CCCC1

221	O=C1N(CCC1)[C@H](CC)C(=O)N
222	ClCCN(N=O)C(=O)NC1CCCCC1
223	FC(F)(F)c1cc(ccc1)\C(=N/OCCCCC(=O)[O-])\c1cccnc1
224	Fc1c(N2C[C@H]([NH2+][C@H](C2)C)C)c(F)c2N(C=C(C(=O)[O-])C(=O)c2c1N)C1CC1
225	O1[C@@H](CC)[C@](O)(C)[C@H](O)[C@H](C)C(=O)[C@@H](C[C@](OC)(C)[C@H](O[C@@H]2O[C@@H](C[C@H]([NH+](C)C)[C@H]2O)C)[C@@H](C)[C@H](O[C@@H]2O[C@@H](C)[C@H](O)[C@](OC)(C2)C)[C@@H](C)C1=O)C
226	O1c2c3c4c(c([O-])c2C)c([O-])c(NC(=O)C(=C\C=C\[C@H](C)[C@H](O)[C@@H](C)[C@@H](O)[C@H](C)[C@H](OC(=O)C)[C@@H](C)[C@@H](OC)\C=C\O[C@]1(C)C3=O)C)c1n2c(nc14)C=C(C=C2)C
227	O1[C@@]2([C@H](O[C@@H]1CCC)C[C@H]1[C@H]3[C@@H]([C@@]4(C(=CC(=O)C=C4)CC3)C)[C@@H](O)C[C@@]12C)C(=O)CO
228	O([C@H](C(C[C@@H]([NH+](C)C)C)(c1ccccc1)c1ccccc1)CC)C(=O)C
229	OC(CCC[NH+]1CCCCC1)(c1ccccc1)c1ccccc1
230	O=C(N[C@@H](CC(=O)N)C(=O)N[C@H]([C@H](O)C[NH+]1CC2C(C[C@H]1C(=O)NC(C)(C)C)CCCC2)Cc1ccccc1)c1nc2c(cc1)cccc2
231	o1nc(cc1C)C(=O)NNCc1ccccc1
232	O1[C@@H]2C[C@H](O)[C@@]3([C@H]([C@H](OC(=O)c4ccccc4)[C@]4(O)C[C@H](OC(=O)[C@H](O)[C@@H](NC(OC(C)(C)C)=O)c5ccccc5)C(=C([C@@H](O)C3=O)C4(C)C)C)[C@]2(OC(=O)C)C1)C
233	Ic1c(C(=O)NCC(O)CO)c(I)c(N(C(=O)C)CC(O)CN(C(=O)C)c2c(I)c(C(=O)NCC(O)CO)c(I)c(C(=O)NCC(O)CO)c2I)c(I)c1C(=O)NCC(O)CO
234	Oc1ccc(N\N=C\2/C=C(C(=O)[O-])C(=O)C=C/2)cc1C(=O)[O-]
235	Fc1cc2onc(c2cc1)C1CC[NH+](CC1)CCC=1C(=O)N2C(=NC=1C)C(O)CCC2
236	Fc1cc\2c(NC(=O)/C/2=C\c2[nH]c(C)c(C(=O)NCC[NH+](CC)CC)c2C)cc1
237	S(=O)([O-])(=NC(=O)NN1CCCCCC1)c1ccc(cc1)CCNC(=O)c1noc(c1)C
238	[BiH]1OC(=O)c2c(O1)cccc2
239	Oc1c2c(ccc1)[C@@](O)([C@@H]1C(C(=O)[C@@]3(O)[C@@H](C1)[C@H](N(C)C)C(=O)/C(=C(/O)\NCN1CCCC1)/C3=O)=C2[O-])C
240	S(=O)(=O)(N(CC(C)C)C[C@@H](OP(=O)([O-])[O-])[C@@H](NC(O[C@H]1CCOC1)=O)Cc1ccccc1)c1ccc(N)cc1
241	O1[C@@H](C\C=C\C=C\[C@H](O)[C@@H](C[C@H](CC=O)[C@H](O[C@@H]2O[C@H](C)[C@@H](O[C@@H]3O[C@@H](C)[C@H](OC(=O)CC(C)C)[C@](O)(C3)C)[C@H]([NH+](C)C)[C@H]2O)[C@@H](OC)[C@H](OC(=O)C)CC1=O)C)C
242	O1C(CC(OC)=CC1=O)\C=C\C=1C=CCCC=1
243	Clc1cc2NC(N(S(=O)(=O)c2cc1S(=O)(=O)N)C)CSCC(F)(F)F
244	S1C(SC1=C(C(=O)N)C(=O)[O-])C(=O)N[C@@]1(OC)C2SCC(CSc3nnnn3C)=C(N2C1=O)C(=O)[O-]
245	s1cccc1CC(=O)NC1(OC)C2SCC(COC(=O)N)=C(N2
	C1=O)C(=O)[O-]
246	O(C(=O)C)[C@@H]1[C@@]2([C@H]([C@H]3[C@H](CC2)[C@@]2([C@H](C[C@H](OC(=O)C)[C@@H]([N+]4(CCCCC4)C)C2)CC3)C)C[C@@H]1[N+]1(CCCCC1)C)C
247	O[C@@H]([C@@H]([NH2+]C)C)c1ccccc1
248	[NH2+](CC#C)[C@@H]1CCc2c1cccc2
249	[Mg+]O
250	F[C@@H]1C2=CC(=O)C=C[C@@]2([C@@H]2[C@H]([C@@H]3C[C@@H](C)[C@](O)(C(=O)CO)[C@]3(C[C@@H]2O)C)C1)C
251	O1[C@]2([C@@H]3[C@H]([C@H]4[C@H]5[C@H](CC[C@]24C)[C@]2(CCC(=O)C=C2[C@H]2[C@@H]5C2)C)C3)CCC1=O
252	Fc1cc(F)ccc1N1C=C(C(=O)[O-])C(=O)c2cc(F)c(N3CC([NH2+]CC3)C)cc12
253	O=C1NC(=O)N(c2ncn(c12)C)C
254	s1cc(nc1N)/C(=C/CC(=O)[O-])/C(=O)N[C@H]1[C@H]2SCC=C(N2C1=O)C(=O)[O-]
255	O1[C@@H](C[NH3+])[C@@H](O)[C@H](O)[C@@H]([NH3+])[C@H]1O[C@H]1[C@@H](O)[C@@H](O[C@@H]1CO)O[C@H]1[C@H](O[C@H]2O[C@H](CO)[C@@H](O)[C@H](O)[C@H]2[NH3+])[C@@H]([NH3+])C[C@@H]([NH3+])[C@@H]1O
256	O[C@H]1N2[C@@H]3C4[C@@H](C[C@H]2[C@@H]2N(c5c([C@@]2(C3)[C@H]4O)cccc5)C)[C@@H]1CC
257	[NH+](CCCN(C1Cc2c(C1)cccc2)c1ccccc1)(CC)CC
258	Fc1ccc(cc1)C(N1CCN(CC1)c1nc(nc(n1)NCC=C)NCC=C)c1ccc(F)cc1
259	s1cccc1CC[NH+]1CC(C)C(N(C(=O)CC)c2ccccc2)CC1
260	s1cccc1C(=CC([NH+](C)C)C)c1sccc1
261	[NH3+]C(Cc1c2c([nH]c1)cccc2)C
262	OC(C[NH+]1CCC(N(C(=O)CC)c2ccccc2)CC1)c1ccccc1
263	O(CC)c1ccc(cc1)Cc1nc2cc([N+](=O)[O-])ccc2n1CC[NH+](CC)CC
264	s1cccc1CC([NH+]1CCC(N(C(=O)CC)c2ccccc2)CC1)C
265	O=C1CC[C@@]2([C@@H]3[C@H]([C@@H]4CC[C@@](O)(C)[C@]4(CC3)C)[C@@H](CC2=C1)C)C
266	O(C)c1ccc(cc1)CC([NH3+])C
267	O1CCN(CC1)CCC(C(OCC)=O)(c1ccccc1)c1ccccc1
268	O=C1C=C[C@@]2([C@H](C1)CC[C@H]1[C@@H]3CC[C@H](O)[C@]3(CC[C@@H]12)C)C
269	O(C)c1cc(ccc1)C(CC)(CC)CNC(=O)CCCO
270	Clc1cc2c(N(C)C(=O)C(OC(=O)N(C)C)N=C2c2ccccc2)cc1
271	O1C(C[NH+]=C1N)c1ccccc1
272	O[C@@H](C(C[C@@H]([NH+](C)C)C)(c1ccccc1)c1ccccc1)CC
273	O=C([O-])C1(CC[NH+](CC1)CCC(C#N)(c1ccccc1)c1ccccc1)c1ccccc1
274	O([C@H](C(C[C@@H]([NH+](C)C)C)(c1ccccc1)c1ccccc1)CC)C(=O)C
275	O[C@H]1C[C@H]2[NH+]([C@H](CC2)[C@H]1C(=O)[O-])C
276	Clc1ccccc1CC([NH3+])(C)C

277	s1cccc1C(=CC([NH+](CC)CC)C)c1sccc1
278	Clc1cc2c(NC(=O)C(N=C2c2ccccc2F)C(OCC)=O)cc1
279	[NH2+](C(Cc1ccccc1)C)CCC#N
280	O([C@@H](C(C[C@H]([NH+](C)C)C)(c1ccccc1)c1ccccc1)CC)C(=O)C
281	Clc1ccccc1C1=NCC(=O)N(c2sc(cc12)CC)C
282	O1[C@@H]2[C@]34[C@H]([C@H]([N+]([O-])(CC3)C)Cc3c4c1c(OC)cc3)C=C[C@@H]2O
283	O=C1C=C2CC[C@@H]3[C@@H]([C@]2(C=C1C=O)C)[C@H](O)C[C@]1([C@H]3CC[C@@]1(O)C)C
284	Clc1cc2c(N(C)C(=O)CN3C2(OC(=CC3=O)C)c2ccccc2)cc1
285	Clc1cc2c(N(CC3CC3)C(=O)CN=C2c2ccccc2)cc1
286	[Zn]
287	O=C1Nc2c(cc([N+](=O)[O-])cc2)C(=NC1)c1ccccc1
288	S(C(Sc1cc(C(C)(C)C)c(O)c(c1)C(C)(C)C)(C)C)c1cc(C(C)(C)C)c(O)c(c1)C(C)(C)C
289	S1(=O)(=O)C2N(C(C(=O)[O-])C1(Cn1nncc1)C)C(=O)C2
290	S1[C@H]2N([C@@H](C(=O)[O-])C1(C)C)C(=O)[C@H]2NC(=O)[C@H](C(=O)[O-])c1ccsc1
291	[NH+](CCCc1ccccc1)(CCCc1ccccc1)CC
292	O1CCN(CC1)CC1CCc2[nH]c(C)c(c2C1=O)CC
293	[NH+](CCC(c1ccccc1)c1ncccc1)(C)C
294	S1c2c(N(c3c1cccc3)CCC[NH+]1CCC(CC1)CCO)cc(S(=O)(=O)N(C)C)cc2
295	S(C)[C@H]1O[C@H]([C@H](NC(=O)C2[NH+](C[C@@H](C2)CCC)C)[C@H](O)C)[C@H](O)[C@H](O)[C@H]1O
296	OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)CO
297	P(OC[C@H]1O[C@@H](N2C=C(C)C(=O)NC2=O)C[C@@H]1O)(=O)([O-])[O-]
298	O1C[C@H]2O[C@@H](OC)[C@H](O)[C@@H](O)[C@H]2O[C@@]1(C(=O)[O-])C
299	OC/1=CC(=O)C(C\C\1=N\C1CC1c1ccccc1)CC([NH3+])C(=O)[O-]
300	[Ru+2]123(N4C(C=C(C=C4)CCCCCCCCC(=O)NC4C5CC6CC4CC(C5)C6)=C4N1C=CC(=C4)C)(N1C(=C4N2C=CC=C4)C=CC=C1)N1C(=C2N3C=CC=C2)C=CC=C1
301	O1[N-]C(=O)C(=C1)C[C@H]([NH3+])C(=O)[O-]
302	Oc1nc(nc2[nH]nnc12)N
303	[Hg](O)c1ccc(cc1)C(=O)[O-]
304	O=C([O-])\C=C\C(=O)[O-]
305	O=C(NC(CC(C)C)C(=O)NC(Cc1ccccc1)C=O)C(NC(=O)NC(Cc1ccccc1)C(=O)[O-])C1NC(=[NH2+])NCC1
306	O=C([O-])[C@@H]([NH3+])CCC\[NH+]=C(\N(C)C)/N
307	O1C(CO)C(O)C(O)C(O)C1OC1C(O)C(O)C(OC1CO)O
308	Oc1ccc(cc1)C
309	SCC(O)C(O)CS
310	P(OCC1OC(n2nc(nc2)C(=O)N)C(O)C1O)(=O)([O-])[O-]
311	OC(C(O)C(=O)[O-])C(=O)[O-]
312	P(O)(=O)([O-])CCCC(=O)NO
313	O=C1NC(=O)NC=2NC(=O)NC1=2
314	O1C(COC2OC(C)C(O)C(O)C2O)C(O)C(O)C(O)C1OC1=C(Oc2c(C1=O)c(O)cc([O-])c2)c1cc(O)c(O)cc1
315	Oc1cc(ccc1O)CC(=O)[O-]
316	Oc1cc(O)ccc1\C=C\C(=O)[O-]
317	P(OCC(O)COC(=O)CCCCCCCCCCC)(OCC[N+](C)(C)C)(=O)[O-]
318	P(OC(C(=O)[O-])CO)(=O)([O-])[O-]
319	S1CC(N(S(=O)(=O)c2ccc(cc2)C)CC1)C(=O)NC(Cc1ccccc1)C(OCC)=O
320	O=C([O-])CCCCCC([NH3+])C([NH3+])C
321	[N+](CCCCCCCCCCCCCCCC)(C)(C)C
322	OC(C(CC(=O)[O-])C(=O)[O-])C(=O)[O-]
323	P(OCC(OC(=O)CCCCCCCCCCCCCCCC)COC(=O)CCCCCCCCCCCCCCC)(OCC[NH3+])(=O)[O-]
324	P(OC(C(=O)[O-])C)(=O)([O-])[O-]
325	ClCC([NH3+])C(=O)[O-]
326	O=C([O-])C([NH3+])C(CC)C
327	[Se]=1=C(CCC)C(=NC=1N)CCCC
328	Oc1cc2C=C(NC(=O)CCC(=O)[O-])C3N(c2cc1O)C(CCN3)C(=O)NC(C(=O)NC(CCCNC(=[NH2+])N)C(=O)NC(C(=O)NC(CCCN(O)C=O)C(=O)NC1CCCCNC(=O)C(NC(=O)C(NC(=O)C(NC1=O)CCCN(O)C=O)C(O)C)C(O)C)CO)CO
329	O=C([O-])Cc1c2c(ccc1)cccc2
330	O1C(C(O)C(O)CO)C(NC(=O)C)C(O)CC1(Oc1cc2OC(=O)C=C(c2cc1)C)C(=O)[O-]
331	C1CCC(C)=C(\C=C\C(=C\C=C\C(=C\C)\C)\C)C1(C)C
332	OC(C(CO)(C)C)C(=O)NCCC(=O)[O-]
333	S(=O)(=O)(N)c1ccc(F)cc1
334	OC1C([NH3+])C=C(CC1O)CO
335	Clc1ccc(NC2=C(c3cc(Cl)ccc3)C(=O)NC2=O)cc1C(=O)[O-]
336	O=C([O-])c1cccnc1C(=O)[O-]
337	O=C([O-])C([NH3+])C=C
338	P(OC(C)C)(OCC(N)C(=O)[O-])(=O)[O-]
339	[AsH](SCC([NH3+])C(=O)[O-])O
340	n1cnc2n(nc(c2c1N)-c1ccc(cc1)C)C(C)(C)C
341	P(OCc1cnc(C)c(O)c1C[NH2+]C(CCC(=O)[O-])C(=O)[O-])(=O)([O-])[O-]
342	O(C(CCCCCCCCCCCCC)CC(=O)[O-])C(=O)CCCCCCCCCCCC
343	O=C(N)C(NC(=O)C([NH3+])CCCNC(N[N+](=O)[O-])=N)CC[NH3+]
344	P(=O)([O-])([O-])c1cc(ccc1P(=O)([O-])[O-])CC(NC(=O)C)C(=O)NC1CCCCc2c1cc(C(=O)N)c(OCC1CCCCC1)c2
345	FC(CC([NH3+])C(=O)[O-])CCNC(=[NH2+])C
346	O1C(O)C(O)C(O)CC1C
347	c1ccccc1CCCC
348	[CaH]OC(C(CC(=O)[O-])C(=O)[O-])C(=O)[O-]
349	O(C(Cc1ccccc1)C(\C=C(\C=C\C([NH3+])C(C(=O)[O-])C)/C)C)C
350	O1c2c(C(=O)C(O)=C1c1ccc(O)cc1)c(O)cc([O-])c2
351	O=C([O-])CCCCCC(=O)[O-]
352	SC1C(O)C(O)C(S)OC1CO
353	S(OC1C(O)C(NC(=O)C)C(OC1CO)O)(=O)(=O)[O-]
354	O=C(c1[nH]c2cc(ccc2n1)C(=[NH2+])N)c1[nH]c2cc(ccc2n1)C(=[NH2+])N
355	S(CCC([NH3+])C(O)(O)c1ncccc1)C

356	S(CCC(NC(=O)C1N(CCC1)C(=O)C(NC(=O)CS)Cc1ccc(O)cc1)C(=O)N)C
357	O1C(CO)C(O)C(O)C(O)C1=O
358	O(Cc1ccccc1)C(=O)NC(C(=O)NC(C(C)C)C(=O)NC(Cc1ccccc1)CO)C
359	O=C1C2(C(=O)C(C)C)C(CCC=C(C)C)(C)C(CC1(CC=C(C)C)C(=O)C(CC=C(C)C)=C2[O-])CC=C(C)C
360	P(=O)([O-])([O-])c1cc(ccc1OCC(=O)[O-])CC(NC(=O)C)C(=O)NC1CCCCN(Cc2ccc(cc2)-c2ccccc2)C1=O
361	OC(C(O)C(O)C=O)C(O)CO
362	S(O)CC([NH3+])C(=O)[O-]
363	[Te](CC(=O)[O-])C
364	OC(C(CO)(C)C)C(=O)[O-]
365	SC[C@H](NC(=O)CC(=O)[O-])Cc1ccccc1
366	O(C(=O)c1ccc(cc1)C(=O)c1ccccc1O)C1CCC[NH2+]CC1NC(=O)c1ccc(O)cc1
367	O(C(=O)C1N(CCC1)C(=O)C(=O)C(CC)(C)C)CCCc1cccnc1
368	Clc1cc(O)ccc1
369	OB(O)CCc1ccccc1
370	s1c2S(=O)(=O)N(CC(O)c2cc1S(=O)(=O)N)c1ccc(OC)cc1
371	S(CC([NH3+])C(=O)[O-])C1NOC(=C1)C([NH3+])C(=O)[O-]
372	Nc1c2c(cc3c(c2)cccc3)ccc1
373	Oc1nc(nc2n(c[n+](c12)C)C)N
374	O[B-](O)(O)CCCCC([NH3+])C(=O)[O-]
375	Fc1cccc(N)c1C
376	s1c[n+](Cc2cnc(nc2N)C)c(C)c1CCOP(OP(=O)([O-])[O-])(=O)[O-]
377	[NH2+]1CCN(C[C@@H]1Cc1ccccc1)c1nnc(c(c1)-c1ccncc1)-c1cc2c(cc1)cccc2
378	P(OCc1cnc(C)c(O)c1C[NH2+]C(C(=O)[O-])C)(=O)([O-])[O-]
379	o1c2c(cc1C[NH+]1CC(N(CC1)CC(O)CC(Cc1ccccc1)C(=O)NC1c3c(CC1O)cccc3)C(=O)NC(C)(C)C)cccc2
380	Fc1ccc(cc1-c1onc(c1)C(=O)[O-])\C=C\COc1cccc(O)c1C(OC)=O
381	O1C(CO)C(O)C(O)C(O)C1OC1C(O)C(O)c2n(ccn2)C1CO
382	O=C(Cc1ccc(cc1)C(=[NH2+])N)C(=O)[O-]
383	Oc1c2c(Cc3c(C2=O)c(O)ccc3)ccc1CC(=O)[O-]
384	OCc1cnc(nc1N)C
385	O=C([O-])CCc1ccccc1
386	O=[N+]([O-])NC(NCCCC([NH3+])CNCC[NH3+])=N
387	S1c2c(NC(=O)C1CC(=O)NO)cccc2
388	P(OCc1cnc(C)c(O)c1C[NH2+]C1CO[N-]C1=O)(=O)([O-])[O-]
389	P(OCC(OC(=O)CCCCCCCCCCCCCCC)COC(=O)CCCCCCCCCCCCCCC)(OCC(O)CO)(=O)[O-]
390	[NH2+]=C(n1ncnc1)N
391	Clc1ccc(Oc2ccc(S(=O)(=O)C3(CCOCC3)CC(=O)NO)cc2)cc1
392	P(OCC(O)C(O)C(O)CO)(=O)([O-])[O-]
393	O=C1Nc2c(cccc2)C1Cc1ccc(N2CCN(CC2)C=O)cc1
394	Brc1cc(cc(-c2[nH]c3cc(ccc3n2)C(=[NH2+])N)c1[O-])C(CC(=O)[O-])C(=O)[O-]
395	S(=O)(=O)(N)c1ccc(cc1)C(=O)NCc1ccccc1F
396	O=C([O-])C1([NH3+])CC1
397	[As+](c1cc(O)c(O)cc1)(c1ccccc1)(c1ccccc1)c1ccccc1
398	O=C1N(CCCCC1NC(=O)C(C(CCCO)C(=O)NO)CC(C)C)CCOC
399	s1cccc1CC(=O)NCB(O)O
400	O1C(CO)C(O)C(O)C1N1C=CC(=NC1=O)N
401	[NH3+]C(CC(C)C)C
402	[nH]1c2c(ncnc2C)nc1
403	OC1C=CC=C(C(=O)[O-])C1[NH3+]
404	P(OCCCCN1C2=C(NC(=O)NC2=O)N(CC(O)C(O)C(O)CO)C1=O)(=O)([O-])[O-]
405	S1CC(CCC(NC(=O)CCC(NC(=O)C)C(=O)[O-])C(=O)NC(C(=O)NC(C(=O)[O-])C)C)=C([NH2+]C1C(NC(=O)Cc1ccccc1)C(=O)[O-])C(=O)[O-]
406	[Mo-2]1(SC2=C(S1)C1Nc3c(nc(nc3O)N)NC1OC2COP(OP(OCC1OC(N2C=CC(=NC2=O)N)C(O)C1O)(=O)[O-])(=O)[O-])([OH2+])([OH2+])O
407	P(OCC1OC2([N-]C(=O)NC2=O)C(O)C1O)(=O)([O-])[O-]
408	S(CC1[NH2+]C(C(O)C1O)c1c2N=CNC(N)c2[nH]c1)C
409	O=C1C2C(Nc3c2cccc3)C2N(C1)CCCC2
410	S(=O)(=O)(Cc1ccccc1)CCC(NC(=O)C(NC(OCc1ccccc1)=O)Cc1ccccc1)CCc1ccccc1
411	OCCCCCCO
412	S(=O)(=O)([O-])CCC[NH2+]C1CCCCC1
413	S=P([S-])(OCC(OC(=O)CCCC)COC(=O)CCCC)OCC[N+](C)(C)C
414	S(CCC(=O)C(=O)[O-])C
415	O=C(CCC(=O)[O-])C
416	S(=O)(=O)(\C=C\C(NC(=O)C(NC(=O)N1CCC(N2CCOCC2)CC1)Cc1ccccc1)CCC)c1ccccc1
417	Ic1ccccc1
418	O1C(CO)C(O)CC1N1C=CC(=O)NC1=O
419	Brc1cc(cc(Br)c1[O-])C(=O)c1c2c(oc1CC)cc(S(=O)([O-])=Nc1ccc(S(=O)(=O)N)cc1)cc2
420	O=C(CCCCCC(=O)[O-])CCC(=O)[O-]
421	P(OCC(OC(=O)C)COCCCCCCCCCCCCCCCCCC)(OCC[N+](C)(C)C)(=O)[O-]
422	O=C([O-])Cc1c(c[nH]c1C[NH3+])CCC(=O)[O-]
423	O=C1N(CC=O)C(=NC1CC1C=CC(=O)C=C1)C[NH3+]
424	S(CC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)C
425	O=C([O-])C([NH3+])Cc1c2c([nH]c1)cccc2N
426	O=C(N)C(NC(=O)C([NH2+]C(CCc1ccccc1)C(=O)[O-])Cc1ccccc1)CC(=O)[O-]
427	P(OC1OC(CO)C(O)C(OC(C(=O)NC(C(=O)NC(CCC(=O)[O-])C(=O)[O-])C)C)C1NC(=O)C)(OP(OCC1OC(N2C=CC(=O)NC2=O)C(O)C1O)(=O)[O-])(=O)[O-]
428	P(OC1C(O)C(OC1n1c2ncnc(N)c2nc1)COP(OP(OCC1OC(N2C=C(CC(O)C2O)C(=O)N)C(O)C1O)(=O)[O-])(=O)[O-])(=O)([O-])[O-]
429	O(C(=O)CCC(=O)[O-])C1CCC2(C3C(CCC2C1(C)C)(C)C1(C(C2CC(CCC2(CC1)C)(C(=O)[O-])C)=CC3=O)C)C
430	Clc1cc(Cl)ccc1C(=O)N(Cc1sc(cc1)-

	c1oc2c(c1)cccc2)C(Cc1ccccc1)C(=O)[O-]
431	S1CC[NH+]=C1N
432	O1C(C(O)C(O)CO)C(NC(=O)C)C(O)CC1(O)C(=O)[O-]
433	Oc1ccc(cc1)C[C@H](NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@H]1N(CCC1)C(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)CNC(=O)[C@@H](NC(=O)CNC(=O)CNC(=O)CNC(=O)CNC(=O)[C@H]1N(CCC1)C(=O)[C@@H](NC(=O)[C@H]1N(CCC1)C(=O)[C@H]([NH3+])Cc1ccccc1)CCCNC(=[NH2+])N)CC(=O)N)CC(=O)[O-])Cc1ccccc1)CCC(=O)[O-])CCC(=O)[O-])[C@H](CC)C)CCC(=O)[O-])CCC(=O)[O-])C(=O)N[C@@H](CC(C)C)C(=O)[O-]
434	S(=O)(=O)([O-])NC1C(O)C(OC2OC(=CC(O)C2OS(=O)(=O)[O-])C(=O)[O-])C(OC1O)CO
435	[NH2+]=C(N)c1ccc(NCc2nc3cc(ccc3n2C)Cn2c3c(nc2C)cccc3)cc1
436	P(OCC(N)C(=O)[O-])(OCC)(OCC)=O
437	Clc1cc2[nH]c(nc2cc1C(=[NH2+])N)-c1cccc(-c2ccccc2)c1O
438	O=C(NC(CCCNC(=O)N)C(=O)[O-])C
439	[W-](OH2+])(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(O)O
440	OC1C(O)Cn2c(ncc2)C1O
441	O=C1NC(=Nc2ncc(nc12)C(O)C(O)CO)N
442	Brc1c2nc3c(cccc3C(=O)NCC[NH+](C)C)c(N)c2ccc1
443	O1C2CC(O)C(O)C(O)C12CO
444	O=C1c2c(n(C)c(CCCO)c2CO)C(=O)C=C1N1CC1
445	[NH2+](CC)C
446	O(c1c2c(nc(nc2N)N)ccc1)c1ccc(OC)cc1
447	SCCOCCOCCOCCOCCOCCOCCO
448	BrCCCCCCCCCCCC(=O)[O-]
449	[NH2+]1CC2CCC1(C)C2(C)C
450	s1c(CCOP(OP(=O)([O-])[O-])(=O)[O-])c([n+](c1C(=O)C)[CH-]c1cnc(nc1N)C)C
451	O(C(=O)N)C1/C(=C\C(C)C(O)C(OC)CC(CC2=C(OC)C(=O)C=C(NC(=O)/C(=C\C=C/C1OC)/C)C2=O)C)/C
452	O(C(=O)CCCCCCC)CCCCCCCCCCCCCCCC
453	S(=O)(=O)(N)c1ccc(cc1)C(=O)NCc1ccc(F)cc1
454	P(OP(OP(OCC1OC(N2C=CC(=NC2=O)N)C(O)C1O)(=O)[O-])(=O)[O-])(=O)([O-])[O-]
455	s1c(ccc1C)C\1CC2OC(O)(C(=O)C(=O)N3C(CCCC3)C(OC(CC(=O)C(\C=C(\C)/C(O)C(OC)C(=O)C(CC(\C=C/C=C\C=C/1\C)C)C)C)C(CC1CC(OC)C(O)CC1)C)=O)C(CC2)C
456	O1C2([N-]C(=O)N(O)C2=O)C(O)C(O)C(O)C1CO
457	P(OP(OP(OCC1OC(N2C=C(C)C(=O)NC2=O)CC1O)(=O)[O-])(=O)[O-])(=O)([O-])[O-]
458	P(OCC1OC(N2C=CC(=NC2=O)N)C(O)C1O)(=O)([O-])[O-]
459	O=C([O-])CC1(C)C2([NH2+]C(C1CCC(=O)[O-])=C(C1=N\C(=C/C3=N\C(=C(/C4=NC2C(CC(=O)[O-])C4(CCC(=O)[O-])C)\C)\C(CCC(=O)[O-])C3(C)C)\C(CCC(=O)[O-])C1(CC(=O)[O-])C)C)C
460	S(=O)(CCC([NH3+])C(=O)[O-])C
461	S(CC([NH3+])C(=O)[O-])CC(=O)[O-]
462	P(OC(C(N)C(=O)[O-])C)(=O)([O-])[O-]
463	P(OC1(OC(C(O)C(O)CO)C(NC(=O)C)C(O)C1)C(=O)[O-])(OCC1OC(N2C=CC(=NC2=O)N)C(O)C1O)(=O)[O-]
464	S(SCCO)CCO
465	OC1(N=C(CC(C)C)C(=O)N1CC=O)C(N)C(O)C
466	Oc1nc(nc2n(cnc12)C)N
467	OC(Cc1ccccc1)C(=O)[O-]
468	P(OCC(O)C(O)C(=O)C)(=O)([O-])[O-]
469	O=C(NC(CCCNC(=[NH2+])N)C(=O)[O-])CCC(=O)[O-]
470	OB(O)c1ccc(cc1)\C=C\C(=O)[O-]
471	O(c1cccc(-c2[nH]c3cc(ccc3n2)C(=[NH2+])N)c1O)C1CCCC1
472	Oc1ccccc1CC=C
473	O=C(Nc1nc(ccn1)-c1n2c(nc1C)C=CC=C2)C
474	S(CC)C(=[NH2+])N
475	OCCCC[NH3+]
476	O=C([O-])c1[nH]ccc1
477	O=C(Nc1ccccc1)CCCCCCC(=O)NO
478	P(OCC(O)C(O)C(O)C(O)CO)(=O)([O-])[O-]
479	P(OC1OC(C)C(O)C(O)C1O)(=O)([O-])NC(CC(C)C)C(=O)NC(Cc1c2c([nH]c1)cccc2)C(=O)[O-]
480	[NH3+]C1NC(NC2C1CC(CC2)C[NH+]1C2C(CCCC2)CC1)N
481	Clc1cccc(Cl)c1C1=Cc2c(nc(nc2)Nc2cc(SC)ccc2)N(C)C1=O
482	O=C([O-])C([NH3+])CCCC=O
483	O(CCOCCO)CCOCCO
484	OC(C[NH3+])C
485	Clc1c(ccc(OCc2oc(cc2)C(=O)[O-])c1Cl)-c1nn(C)c(c1)C1CCN(CC1)C(=O)CNC(=O)C(NC(=[NH2+])N)CC(C)C
486	SCC(NC(=O)CCCC([NH3+])C(=O)[O-])C(=O)NC(C(C)=C)C(=O)[O-]
487	O1C2N(C(=O)C2(OC)NC(=O)C(C(=O)[O-])c2ccc(O)cc2)C(C(=O)[O-])=C(C1)C
488	P(O)(=O)([O-])CC1CC(O)(CC(O)C1O)C(=O)[O-]
489	O1C(CC=2Oc3c(c(C(=O)[O-])c(O)c([O-])c3)C(=O)C=2C1OC)C
490	O(CC1CCCCC1)c1nc(N)cc2nc[nH]c12
491	P(O)(=O)([O-])CC(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)=O
492	OC(C(NC(=O)C)CO)c1ccc([N+](=O)[O-])cc1
493	S(=O)(=O)(N)c1ccc(cc1)C(=O)NCc1c(F)c(F)c(F)c(F)c1F
494	O1C(CO)C(O)C(O)C(NC(=O)C)C1OC
495	[O-][N+](CCCCCCCCCC)(C)C
496	S1c2cc(O)ccc2OC(C1c1ccc(O)cc1)c1ccc(OCC([NH+]2CCCC2)C)cc1
497	s1c(ccc1CNc1[nH]c2c(n1)cccc2)-c1nc(sc1)[NH+]=C(N)N
498	Clc1cc(Cl)ccc1C(O)(CCCCCC)Cn1ccnc1
499	S(=O)(=O)([O-])CCC[N+](CC)(C)C
500	O=C([O-])c1ccccc1NC(=O)C(=O)[O-]
501	P(OP(OCC1OC(n2c3N=C(NC(=O)c3nc2)N)C(O)C1O)(=O)[O-])(=O)([O-])N
502	O=C([O-])C(CCCC)CN(O)C=O

503	O1C(C)(C2C(OC)C(OC(=O)\C=C\C=C\C=C\C=C\C(=O)[O-])CCC2(O)C)C1CC=C(C)C
504	O1C(CO)C(O)C(O)C(O)C1OCCC1OC1
505	O=C(Nc1n[nH]c(c1)C1CC1)c1ccccc1
506	O=C(N)CC(=O)[O-]
507	O=C([O-])C(NC(=O)NO)Cc1ccccc1
508	O=C([O-])C([NH3+])CC(=O)[O-]
509	[Co]123[N+]4=C5C(CCC(=O)N)C(CC(=O)N)(C)C4(C4=[N+]1C(C(CCC(=O)NCC(OP(OC1C(O)C(OC1CO)n1c6c(nc1)cc(OC)cc6)(=O)[O-])C)(C)C4CC(=O)N)=C(C1=[N+]2C(=CC2=[N+]3C(C(CC(=O)N)(C)C2CCC(=O)N)=C5C)C(C)(C)C1CCC(=O)N)C)C
510	ClCC(=O)C
511	S1CC2NC(=O)NC2C1CCCC(=O)[O-]
512	O1C(CO)C(O)C(O)C(OC2OC(CO)C(O)C(O)C2O)C1Oc1ccc(cc1)C([NH3+])C(=O)[O-]
513	O=C([O-])C(N)=C
514	OC1CC2C(C3CCC(C(CCC(=O)NCC(=O)[O-])C)C13C)C(O)CC1CC(O)CCC12C
515	O=C1NC(=NC=2NCC(NC1=2)C(O)C(O)C)N
516	S1SCC(O)C(O)C1
517	O=C(N)c1cccnc1
518	s1c(ccc1/C(=N/C(=O)C(CCc1ccccc1)CS)/C(=O)[O-])Cn1nnnc1
519	P(OC1C(O)C(OC1CO)N1C=CC(=O)NC1=O)(=O)([O-])[O-]
520	O1C(C(=O)N)C(O)C(O)C(O)C1CO
521	O1C(C(=O)[O-])C(OC)C(O)C(O)C1O
522	P(OCC(=O)[O-])(=O)([O-])[O-]
523	ONC(=[NH2+])NCCCC
524	O1C(O)C(O)C(O)C=C1C(=O)[O-]
525	P(OCC(=O)NO)(=O)([O-])[O-]
526	s1c2c(nccc2)cc1S(=O)(=O)NC1CCN(Cc2cc(ccc2O)C(=[NH2+])N)C1=O
527	O1C(CO)C(O)C(O)C1N1C=CC(=O)NC1=O
528	P(Oc1c2nc(ccc2ccc1)C#N)(=O)([O-])[O-]
529	OC(Cn1c2ncnc(N)c2nc1)C
530	O(Cc1ccccc1)C(=O)NC(Cc1ccccc1)C(=O)C[N+]#N
531	OC(CCCCCCCCCCCC)CC(=O)[O-]
532	C(CCCCCC)CCCCC
533	OCCCO
534	BrCC(=O)NCCC(=O)NC(C(=O)NCCc1ccc(NC(=O)C(=O)[O-])cc1)CO
535	Clc1nc(cnc1N1CCN(CC1)C)C(=O)N1CC(N(CC1)CC(O)CC(Cc1ccccc1)C(=O)NC1C(CCC1O)C)C(=O)NC(C)(C)C
536	O(C(C(=O)[O-])=C)C1=CC=CC(C(=O)[O-])C1O
537	P(OCC1OC(NC(=O)C[NH2+]CC(O)(Cc2cc3c(nc(nc3O)N)cc2)c2ccc(cc2)C(=O)NC(CCC(=O)[O-])C(=O)[O-])C(O)C1O)(=O)([O-])[O-]
538	O=C1N=C(NC=2N=CC(N(C1=2)CO)CNc1ccc(cc1)C(=O)NC(CCC(=O)[O-])C(=O)[O-])N
539	O1C(CO)C(O)C(O)C(O)C1Oc1cc(cc([N+](=O)[O-])c1)C(=O)N
540	O(C)c1cc(ccc1O)CN1C(Cc2ccccc2)C(O)CN(N(Cc2cc(OC)c(O)cc2)C1=O)Cc1ccccc1
541	O(CCO)C
542	OC(C(O)CO)CC(O)C(=O)[O-]
543	Brc1c(OCCCC(CCC(=O)[O-])C(=O)[O-])cc(cc1OC)Cc1cnc(nc1N)N
544	s1c2c(nc1C(=O)C(NC(=O)C1N(CC(O)C1)C(=O)C)CCCNC(=[NH2+])N)cccc2
545	S1C=C(NC=C(C=O)C1c1nnn(c1)C)C(=O)[O-]
546	[PH](=O)([O-])C
547	O=C([O-])c1cc(NC(=O)C[NH3+])c(NC(=O)C)cc1
548	P(O)(=O)([O-])[O-]
549	[Fe]123[NH+]4C5=Cc6n1c(C=C1N2C(=CC=2N3C(=CC4=C(CCC(=O)[O-])C5(CC(=O)[O-])C)C(CC(=O)[O-])(C)C=2CCC(=O)[O-])C(CC(=O)[O-])=C1CCC(=O)[O-])c(CCC(=O)[O-])c6CC(=O)[O-]
550	P(OP(OCC1OC(n2c3N=C(NC(=O)c3nc2)N)C2OP(OC12)(=O)[O-])(=O)[O-])(=O)([O-])[O-]
551	S(OC1C(O)C(O)C(OC1CO)O)(=O)(=O)[O-]
552	Oc1cc(O)ccc1C(=O)[O-]
553	O1c2cc(ccc2OC1)-c1c(n[nH]c1C(=O)[O-])-c1cc(CC)c(O)cc1O
554	O=C(NCCC[NH+](C)C)c1c2[nH+]c3c(cccc3)c(N)c2ccc1
555	OC(C(O)C)(C[NH3+])C
556	P(OC1C(O)C([NH3+])C(OC1CO)O)(=O)([O-])[O-]
557	P(OC1OC(CO)C(O)C(O)C1O)(=O)([O-])[O-]
558	ClCCN1C(=O)C2(OC1=O)CC1(C3[NH+](CCC34C2N(c2cc(OC)c(cc24)C2(CC3CC(O)(C[NH+](C3)CCc3c2[nH]c2c3cccc2)CC)C(OC)=O)C)CC=C1)CC
559	P(OCC1OC(N2C=CC(=NC2=O)N)CC1)(=O)([O-])[O-]
560	OC1C(O)C(N(Cc2cc(N)ccc2)C(O)N(Cc2cc(N)ccc2)C1Cc1ccccc1)Cc1ccccc1
561	O1C(C)C(NC2C=C(CO)C(O)C(O)C2O)C(O)C(O)C1OC1C(O)C(O)C(OC1CO)O
562	S(CCC([NH3+])C(=O)[O-])C
563	S(OCC12OC(OC1C1OS(OC1CO2)(=O)=O)(C)C)(=O)(=O)N
564	S(C)c1ncnc2n(cnc12)C1OC(CO)C(O)C1O
565	O=C1CC(CC(O)O)C(C)(C)C1C
566	s1c(-c2nc(ncc2)Nc2ccc(cc2)C(F)(F)F)c(nc1C)C
567	S(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(=O)(=O)N
568	FC(F)(F)C([O-])([O-])C(F)(F)F
569	[Fe]123[NH+]4C5=Cc6n1c(C=C1N2C(=CC=2N3C(=CC4=C(C)C5C=C)C(C(O)=C)C=2C)C(C)=C1CCC(=O)[O-])c(CCC(=O)[O-])c6C
570	O=C([O-])C([NH3+])(C)C
571	OC(C(O)C(O)C)C(O)C=O
572	[nH]1c2c(nc1)cccc2
573	S(=O)(=O)([O-])NP(=O)(NCCCC([NH3+])C(=O)[O-])N
574	O(CCC([NH3+])C(=O)[O-])CC[NH3+]
575	S(\C(=[NH+]\CCCCCCCCCCCCCC\[NH+]=C(\SC)/N)\N)C
576	P(OCc1cnc(C)c(O)c1C[NH2+]C(CCCC)C(=O)[O-])(=O)([O-])[O-]
577	[Hg]c1ccc(S(=O)(=O)[O-])cc1
578	S(C)c1cc(Nc2ncnc3c2cc(OC)c(OC)c3)ccc1
579	[NH3+]C1CCCCC1
580	OC1(CCC2C3C(=C4C(=CC(=O)CC4)CC3)C=CC12C)C
581	S(=O)(=O)([O-])CC(NC(=O)CCC([NH3+])C(=O)[O-

	])C(=O)NCC(=O)[O-]
582	[nH+]1c2c(CCCC2)c(NCCn2nncc2CCCCCC[n+]2c3cc(N)ccc3c3c(cc(N)cc3)c2-c2ccccc2)c2c1cccc2
583	Clc1sc(Cl)cc1-c1nc(ncc1)N
584	P(OCCCN1C2=C(NC(=O)NC2=O)N(CC(O)C(O)C(O)CO)C1=O)(=O)([O-])[O-]
585	OC(CCCCC)C=C
586	Oc1nc[nH]c2-c1nnc2
587	S(=O)(=O)(N)c1ccc(cc1)C(=O)NCc1cc(F)ccc1F
588	O=C([O-])CN(CC(=O)[O-])CC(=O)[O-]
589	P(OCC(O)C(O)C(O)C(=O)[O-])(=O)([O-])[O-]
590	O1CCN(CC1)CCOc1c2c(cccc2)c(NC(=O)Nc2n(nc(c2)C(C)(C)C)-c2ccc(cc2)C)cc1
591	S(=O)(=O)(n1ncc(c1)-c1c2cc(ccc2ccc1OC)C(=[NH2+])N)C
592	O1CCCC1C(=O)[O-]
593	P(=O)([O-])([O-])C1([NH3+])CC1
594	O=C[CH-]C=O
595	O(c1ccc(NC(=O)c2cc([N+](=O)[O-])ccc2)cc1NC(=O)c1cc([N+](=O)[O-])ccc1)c1cc(C(=O)[O-])c(cc1)C(=O)[O-]
596	Fc1ccc(cc1)C=1CC[NH+](CC=1)CCCC=1NC(=O)c2c(N=1)c(ccc2)C
597	S(=O)(=O)(NC(CC(=O)[O-])C(=O)NC(Cc1ccc(cc1)C(=[NH2+])N)C(=O)N1CCCCC1)c1c(C)c(C)c(OC)cc1C
598	s1ccnc1C(CC)C
599	O=C([O-])C([NH3+])CC(=O)[O-]
600	Fc1[nH]c(N)c-2nc(nc-2n1)Cc1cc(OC)ccc1OC
601	[N+](C)(C)(C)C
602	P(OC1OC(CO)C(O)C1O)(=O)([O-])[O-]
603	OCCCC([NH3+])C(=O)[O-]
604	OC1C(O)C(O)C(O)C(O)C1O
605	P(Oc1ccccc1C=O)(OCC1CCCCC1)(=O)[O-]
606	O1[N-]C(=O)C([NH3+])C1
607	O1CCOB1OCCCNC(=[NH2+])N
608	s1c2c(nc1SCCCS(=O)(=O)[O-])cccc2
609	O1C(C(O)C(O)C(O)C1CO)c1[nH]c2cc(ccc2n1)C
610	O=C([O-])C([NH3+])CCCCC(=O)[O-]
611	P(O)(=O)([O-])CCN(O)C=O
612	Ic1c2cc(sc2ccc1)C(=[NH2+])N
613	OB(O)c1ccc(cc1)C(=O)[O-]
614	P(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(=O)([O-])CP(O)(=O)[O-]
615	[Cu]123[Cu]45[Cu]1[S+2]24[Cu]35
616	O1C(C(=O)[O-])C(O)C(O)C(O)C1O
617	Oc1c(cccc1-c1[nH]c2c(c1)cc(cc2)C(=[NH2+])N)-c1ccccc1
618	O1C(CO)C(O)C(O)C1n1c2ncnc(N)c2cc1
619	S(CCNC(=O)CCNC(=O)[C@]1(O)[C@H](OP(OP(OC[C@H]2O[C@@H](n3c4ncnc(N)c4nc3)[C@@H](O)[C@@H]2OP(=O)([O-])[O-])(=O)[O-])(=O)[O-])C1(C)C)C(=O)\C=C\c1cc(OC)c(O)c(OC)c1
620	S(CCC(SSCCO)CCCCC(=O)[O-])C[NH3+]
621	O1C(OC2OC(CO)C(O)C(O)C2O)(CO)C(O)C(O)C1COC(=O)CCCCCCC
622	O=C1NC(=Nc2ncc(nc12)CO)N
623	P(OCC1OC(n2c3c(nc2)ncnc3)C(O)C1O)(=O)([O-])[O-]
624	SCC([NH3+])C(=O)[O-]
625	O1C(COC(=O)c2cc(O)c(O)c(O)c2)C(OC(=O)c2cc(O)c(O)c(O)c2)C(OC(=O)c2cc(O)c(O)c(O)c2)C1OC(=O)c1cc(O)c(O)c(O)c1
626	O1C(C)C(OC2OC(C)C(OC3OC(C)C(=O)CC3)C(O)C2)C([NH+](C)C)CC1OC1CC(O)(CC)C(O)c2c1c(O)c1c(c2)C(=O)c2c(C1=O)c(O)ccc2
627	O=C(CC(C)C)C(=O)[O-]
628	OC(C(O)C(=O)[O-])CC(=O)C(=O)[O-]
629	O=C([O-])C(n1nnc(c1)C[NH3+])CC(C)C
630	[nH]1cncc1-c1ccccc1
631	Oc1ccccc1
632	O=C(Nc1cc(Nc2nc(ccn2)-c2cccnc2)c(cc1)C)c1ccc(cc1)CN1CC[NH+](CC1)C
633	s1c2S(=O)(=O)N(C(=Cc2cc1S(=O)(=O)N)CN1CCOCC1)c1cc(O)ccc1
634	O1C(CO)C(=O)C(O)C1n1c2ncnc(N)c2nc1
635	OC(C(O)CO)CO
636	P(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(OP(OP(OP(OP(OCC1OC(N2C=C(C)C(=O)NC2=O)CC1O)(=O)[O-])(=O)[O-])(=O)[O-])(=O)[O-])(=O)[O-]
637	O1CC(O)C(O)C=C1C(=O)[O-]
638	Oc1cc(O)ccc1C(=O)\C=C\c1ccc(O)cc1
639	P(OCc1cnc(C)c(O)c1C[NH2+]C(\C=C\OCC[NH3+])C(=O)[O-])(=O)([O-])[O-]
640	SCC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)NCC(=O)NCCC[NH2+]CCCC[NH3+]
641	S(=O)(=O)([O-])CC[NH2+]C1CCCCC1
642	S(SCC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)NCC(=O)[O-])CC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)NCC(=O)[O-]
643	Brc1cc(cc(Br)c1[O-])C(=O)c1c2c(oc1CC)cc(S(=O)(=O)Nc1ccc(S(=O)([O-])=Nc3sccn3)cc1)cc2
644	o1nc(O)c(CC([NH3+])C(=O)[O-])c1C(C)(C)C
645	O1CC2N(C3=C(N=C(NC3=O)N)NC2)C1=O
646	O1C(CO)C(O)C(O)C(O)C1OCCCCCCC
647	O=C([O-])c1cc(NC(N)N)c(NC(=O)C)cc1
648	P(OC1C(OP(=O)([O-])[O-])C(OP(=O)([O-])[O-])C(O)C(OP(=O)([O-])[O-])C1OP(=O)([O-])[O-])(=O)([O-])[O-]
649	Brc1nc2c(ncnc2N)n1C1OC(COP(=O)([O-])[O-])C(O)C1O
650	[As](SCC([NH3+])C(=O)[O-])(=O)([O-])[O-]
651	O=C([O-])C1N(CCC1)C(=O)C
652	SCCC(=O)N1CCc2c([nH]c3c2cccc3)C1
653	S(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(=O)([O-])=NC(=O)C(N)C
654	Oc1ccc(cc1)C[C@H]([NH3+])C(=O)N
655	O=C(N(O)C(C)C)C(=O)[O-]
656	OC1CCC(NC(=O)C(OC)C(O)C(O)C(O)\C=C\C(C)(C)C)C(=O)NC1
657	P(OC1OC(CO)C(O)C(O)C1NC(=O)C)(OP(OCC1OC(N2C=CC(=O)NC2=O)C(O)C1O)(=O)[O-])(=O)[O-]
658	[N+](CC)#C
659	O=C([O-])CCc1ccc(cc1)C
660	O=C1CN(CC1NC(=O)C(NC(OCc1ccccc1)=O)CC(C)C)C(=O)C(NC(OCc1ccccc1)=O)CC(C)C
661	SCC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)[O-]
662	OC1C([NH2+]CC1O)CO

663	s1c[n+](Cc2cnc(nc2N)C)c(C)c1CCOP(=O)([O-])[O-]
664	O1C(C(O)C(O)CO)C(NC(=O)C)C(NC(=[NH2+])N)CC1C(=O)[O-]
665	OC(C([NH3+])Cc1ccccc1)C(=O)NC(CC(C)C)C(=O)[O-]
666	O=C([O-])C(CC([NH3+])C(=O)[O-])C
667	P(OCc1cnc(C)c(O)c1C[NH2+]CC(OP(=O)([O-])[O-])C)(=O)([O-])[O-]
668	O1C(C)C([NH3+])C(O)C(O)C1O
669	S(=O)([O-])C(C(N\C=C\C=O)C(=O)[O-])(Cn1nncc1)C
670	P(OC1CC(OC1CO)N1C=CC(=O)NC1=O)(=O)([O-])[O-]
671	S1CC(CC(OC)=O)=C(NC1C(NC(=O)Cc1sccc1)C=O)C(=O)[O-]
672	O1[C@H](CN(CC[C@H]([NH3+])C(=O)[O-])C)[C@@H](O)[C@@H](O)[C@@H]1n1c2ncnc(N)c2nc1
673	O=C1NC(=O)NC=C1C
674	O1c2c(C(=O)CC1c1ccc(O)cc1)c(O)cc(O)c2
675	O=C(NC(CCc1ccccc1)CCC(=O)[O-])CCCCCCc1ccccc1
676	O=C(NC)CCC([NH3+])C(=O)[O-]
677	S(=O)(=O)([O-])c1cc2c(c(O)c1\N=N\c1ccccc1S(=O)(=O)[O-])c(Nc1nc(nc(n1)N)N)cc(S(=O)(=O)[O-])c2
678	Brc1ccc(cc1)-c1n(nc(c1)C(F)(F)F)-c1ccc(S(=O)(=O)N)cc1
679	O1C2([N-]C(=O)N(C)C2=O)C(O)C(O)C(O)C1CO
680	P(=O)([O-])([O-])C(F)(F)c1ccc(cc1)CC(NC(=O)C(NC(=O)c1ccccc1)CCC(=O)[O-])C(=O)NC(Cc1ccc(cc1)C(P(=O)([O-])[O-])(F)F)C(=O)N
681	P(OCC(O)CO)(OCC[NH3+])(=O)[O-]
682	P(OC1OC(CO)C(O)C(O)C1F)(OP(OCC1OC(N2C=CC(=O)NC2=O)C(O)C1O)(=O)[O-])(=O)[O-]
683	Fc1cc2nc([nH]c2cc1C(=[NH2+])N)-c1cccc(OCC(C)C)c1O
684	SCP(O)(=O)[O-]
685	[nH]1c2c(ncnc2N)cc1
686	[se]1c2c([nH]cc2CC([NH3+])C(=O)[O-])cc1
687	O=C1NC(=O)NC=C1C#C
688	P(Oc1c2NCCCc2ccc1)(=O)([O-])[O-]
689	P(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(OP(OCC1OC([n+]2cc(ccc2)C(=O)N)C(O)C1O)(=O)[O-])(=O)[O-]
690	O(Cc1ccccc1)C(=O)NC(CCCNC(N)N)C(=O)NC(C(=O)C)C
691	O=C1C2CC(C1)CC2
692	P(OC1C(O)C(O)C(O)C(O)C1O)(=O)([O-])[O-]
693	P(OCC(O)C(O)C(O)CNc1ccccc1C(=O)[O-])(=O)([O-])[O-]
694	S1C2N(C(C(=O)[O-])C1(C)C)C(=O)C2NC(=O)CCCC([NH3+])C(=O)[O-]
695	O(CCOCCOCCOCCOCC)CCOCCOCCOCCO
696	C1CCCCC1
697	[NH2+](CCCC[NH3+])CCC[NH3+]
698	Clc1cc(cc(Cl)c1)CNC(=O)c1cc(-n2nc3c(nc(nc3O)N)n2)ccc1
699	OCC(n1cc(nc1)C(=O)N)CCc1c2c(ccc1)cccc2
700	P(=O)([O-])([O-])C([NH2+]Cc1ccccc1)c1ccccc1
701	Oc1ccc(N2N(C(=O)[C-](CCCC)C2=O)c2ccccc2)cc1
702	O=C([O-])C([NH3+])CCCC([NH3+])C(=O)[O-]
703	P(=O)([O-])([O-])C(F)(F)c1ccc(cc1)CC(NC(=O)C)C(=O)NC1CCCCN(Cc2ccc(cc2)-c2ccccc2)C1=O
704	Ic1cc(cc(I)c1Oc1cc(I)c(O)cc1)CC(=O)[O-]
705	O=C1CCC2C3C(CCC12C)C1(C(CC(=O)CC1)CC3)C
706	O1C(/C(=C/C2CC(OC)C(Oc3cc4c(n(cc4)C)cc3)CC2)/C)C(C)C(O)CC(=O)C(\C=C(\C)/C(O)C(CC(OC)C2OC(O)(C(=O)C(=O)N3C(CCCC3)C1=O)C(CC2OC)C)C)CC
707	Oc1ccc(cc1)-c1cc2c3c(ccc2nc1)ccnc3
708	P(=O)([O-])([O-])C(=O)Nc1ccc(cc1)CC
709	P(OCc1c[n+]([O-])c(C)c(O)c1C=O)(=O)([O-])[O-]
710	Ic1ccccc1CS
711	P(O)(=O)([O-])CC(=O)NO
712	O=C(NC(CCCC[NH3+])C(=O)Nc1ccccc1)C(CCCC)CNNCC(CCCC)C(=O)NC(CCCC[NH3+])C(=O)Nc1ccccc1
713	S1C(C)(C)C(NC1C(NC(=O)C([NH3+])c1ccc(O)cc1)C=O)C(=O)[O-]
714	S(=O)(=O)([O-])CC([NH3+])C(=O)[O-]
715	O(CC(=O)C(C)C)c1nc(nc2nc[nH]c12)N
716	S(OC1C(OC2OC(C(=O)[O-])C(OC3OC(COS(=O)(=O)[O-])C(OC)C(OC)C3OS(=O)(=O)[O-])C(OC)C2OC)C(OC(OC2C(OC)C(OS(=O)(=O)[O-])C(OC2C(=O)[O-])OC2C(OS(=O)(=O)[O-])C(OS(=O)(=O)[O-])C(OC2COS(=O)(=O)[O-])OC)C1OS(=O)(=O)[O-])COS(=O)(=O)[O-])(=O)(=O)[O-]
717	P(OCC1OC(N2C(=O)[CH-]C(=O)NC2=O)C(O)C1O)(=O)([O-])[O-]
718	O1C(=O)C=C(C2CCC3(O)C4C(CC(O)C23C)C2(CCC(O)CC2)CC4)C)[CH-]1
719	[Hg+]C
720	O=C(NC1CCCCC1)NCCCCCCCCCC
721	S(Cc1ccc([N+](=O)[O-])cc1)CC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)NCC(=O)[O-]
722	OCCC(=O)[O-]
723	S(OCC([NH3+])C(=O)[O-])(=O)(=O)CCCCCCCCCCCCCCC
724	S=C(Nc1ccccc1)N
725	O(C)c1ccc(OC)cc1Cc1cnc2nc(nc(N)c2c1C)N
726	O=C1NC(=NC(NC)=C1[N+](=O)[O-])N
727	OCC[NH+](CC(=O)[O-])CCO
728	C(CCCCCCC)CCCCCCC
729	O1CC(O)C(O)C(O)C1OC1CCNC(=O)C1O
730	O=C([O-])/C(/N)=C/C
731	P(OC1OC(C)C(O)C(O)C1O)(OP(OCC1OC(N2C=C(C)C(=O)NC2=O)CC1O)(=O)[O-])(=O)[O-]
732	Clc1ccc(cc1)C(=O)[O-]
733	S1C2OC(CO)C(O)C(O)C2N=C1C
734	OCC([NH3+])(CO)CO
735	SC(CCCCC(=O)[O-])CCS
736	O(C)c1cc(OO)ccc1O
737	O1C(CO)C(O)CC(O)C1OCCCCCC

738	O=C([O-])C([NH3+])CCC=O
739	Clc1cc(Cl)ccc1Oc1ccc(OC(C(=O)[O-])C)cc1
740	O=C(N)CCCCCCC\C=C\CCCCCCCC
741	n1ccn(C)c1C
742	S(CCC([NH3+])C(=O)[O-])C(F)(F)F
743	O=C([O-])C([NH3+])CCCCNC(=O)[O-]
744	FC(F)(F)c1ccc(NC(=O)C(C(O)C)C#N)cc1
745	O(CCCCCCOc1ccc(cc1)C(=[NH2+])N)c1ccc(cc1)C(=[NH2+])N
746	O=CC(N)Cc1[nH]cnc1
747	P(OCCCN1C2=C(NC(=O)NC2=O)N(CC(O)C(O)C(O)CO)C1=O)(=O)([O-])[O-]
748	P(OC(O)C(N)C(=O)[O-])(=O)([O-])[O-]
749	P(OCC[N+](C)(C)C)(=O)([O-])CCC(OC(=O)CCCCC)COC(=O)CCCCC
750	o1c(nnc1C(C)(C)C)C(=O)C1[NH2+]CCC1
751	O=C([O-])CCCCCCCCCC
752	[Cu+2](O)(O)(n1ccnc1)(n1ccnc1)(n1ccnc1)n1ccnc1
753	O=C
754	O(c1cc(ccc1OC)C1(CCC(CC1)C(=O)[O-])C#N)C1CCCC1
755	O1C(CC(OC)C(CCC(=O)C(C(OC)C\C=C\N(CO)C)C)C(CC\C=C/c2occ(n2)-c2occ(n2)-c2occ(n2)C(OC)C(C)C(=O)CC(O)CC(O)CC1=O)C
756	SC1OC(CO)C(O)C(O)C1O
757	OC1CCC2C3C(CCC12C)c1c(CC3CCCCCCCCCCC(=O)N(CCCC)C)cc(O)cc1
758	SCC(O)CO
759	Clc1cc2[nH]c(cc2cc1C(=[NH2+])N)-c1cccc(-c2ccccc2)c1O
760	O1C(CO)C(O)C(O)C1OC1C(O)C(OCC1O)O
761	O1C(C)C(O)CCC1O
762	[Ru+2]123(N4C(C=C(C=C4)CCCCCCCCCC(=O)NC4C5CC6CC4CC(C5)C6)=C4N1C=CC(=C4)C)(N1C(=C4N2C=CC=C4)C=CC=C1)N1C(=C2N3C=CC=C2)C=CC=C1
763	s1c2ncccc2cc1C(=[NH2+])N
764	s1cccc1SCC(C(CC(C)C)C(=O)NC(Cc1ccccc1)C(=O)NC)C(=O)NO
765	OC1CCC2C3C(CCC12C)C1(C(CC(O)CC1)CC3)C
766	O=C(Cc1ccccc1)C(=O)[O-]
767	P(OCC1OC(n2c3c(nc2)ncnc3N)C(O)C1O)(=O)([O-])[O-]
768	O=C([O-])C([NH3+])CCCN\C(=[NH+]\CC=C)\N
769	Oc1ccc(cc1)CCC(=O)[O-]
770	O=C([O-])C(=O)[O-]
771	O=C1NC(=NC=2NCC(NC1=2)C(O)C(O)C)N
772	Oc1ccc(NC(=O)\C=C(\C=C\C=C(\C=C\C=2C(CCCC=2C)(C)C)/C)/C)cc1
773	OC1CCC2C3C(CCC12C)C1(C(CC(O)CC1)CC3)C
774	Clc1c2OC3c4c(C5=CC=CC35OC3OC(C)(C)C([NH+](C)C)C(O)C3O)cc(cc4)C(OC(=O)c3cc(OC)cc4OC(=C)C(=O)Nc34)COC(=O)CC([NH3+])c(cc2O)c1
775	[Zn]123[N+]4=C5C=c6n1c(=CC1=[N+]2C(=Cc2n3c(C=C4C(C=C)=C5C)c(C)c2C=C)C(C)=C1CCC(=O)[O-])c(CCC(=O)[O-])c6C
776	S1C2N(C(=O)C2NC(=O)CCCC([NH3+])C(=O)[O-])C(C(=O)[O-])=C(C1)C
777	Oc1ccc(cc1)CCCCCCC
778	P(OCC[N+](C)(C)C)(=O)([O-])[O-]
779	SC(Cc1ccccc1)C(=O)NC(Cc1ccccc1)C(=O)NC(Cc1ccc(O)cc1)C(=O)[O-]
780	[S-]\C(=[NH+]\CCCC([NH3+])C(=O)[O-])\N
781	O(O)C1(N=C2N(C=C(NC2CC2CCCC2)c2ccc(O)cc2)C1=O)Cc1ccc(O)cc1
782	P1(OC(CO)(C)C(O)COP(O1)(=O)[O-])(=O)[O-]
783	Brc1nc2c(ncnc2N)n1C1OC(COP(OP(OCC2OC([n+]3cc(ccc3)C(=O)N)C(O)C2O)(=O)[O-])(=O)[O-])C(O)C1OP(=O)([O-])[O-]
784	Clc1c2OC(=O)C(NC(=O)c3cc(CC=C(C)C)c(O)cc3)=C([O-])c2ccc1OC1OC(C)(C)C(OC)C(OC(=O)c2[nH]c(cc2)C)C1O
785	S1C(O)c2c(OC1N)cccc2
786	P(OCCCN1C2=C(NC(=O)NC2=O)N(CC(O)C(O)C(O)CO)C1=O)(=O)([O-])[O-]
787	[Hg]c1ccc(cc1)C(=O)[O-]
788	S(OC1COC(=CC1O)C(=O)[O-])(=O)(=O)[O-]
789	S(Cc1ccccc1)CC(NC(=O)C(NC(=O)N1CCOCC1)Cc1ccccc1)C=O
790	[NH+](CCC=C(C)C)(C)[C@H]1CCC(=CC1)C
791	O1C(CO)C(O)C(O)C(O)C1O
792	O1C(C(O)C(O)CO)C(NC(=O)C)C(O)C=C1C(=O)[O-]
793	O=C(NCC([NH3+])C(=O)[O-])c1ccccc1
794	O=C([O-])CCC(C)C
795	P(OCC(N)Cc1[nH]cnc1)(=O)([O-])[O-]
796	P(O)(=O)([O-])CCCC
797	O=C([O-])c1cc2c([nH]cc2)cc1NC(=O)C(=O)[O-]
798	P(=O)([O-])([O-])c1cc(ccc1OCC(=O)[O-])CC(NC(=O)C)C(=O)NC(C)c1cc(C(=O)N)c(OCC2CCCCC2)cc1
799	Brc1ccc(OCCCON2C(N=C([NH+]=C2N)N)(C)C)cc1
800	O(C)c1cc(ccc1)-c1[nH]c2c(n1)cccc2C(=O)N
801	O1C(C[NH+](CC1C)CCCCCCCCCNC=O)C
802	P(OC1OC(C(=O)[O-])C(O)C(O)C1O)(OP(OCC1OC(n2c3N=C(NC(=O)c3nc2)N)C(O)C1O)(=O)[O-])(=O)[O-]
803	S(S)CCNC(=O)CCNC(=O)C(O)C(COP(OP(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1OP(=O)([O-])[O-])(=O)[O-])(=O)[O-])(C)C
804	O=C([O-])C([NH3+])(CC(C)C)C
805	OC(C(CC(=O)[O-])C(=O)[O-])(C(=O)[O-])C
806	O=C(C(C)C)C(=O)[O-]
807	OC(C([NH3+])Cc1ccccc1)C(=O)N1CCCC1C(=O)N1CCCC1C(=O)NC(C(=O)N)C
808	OCCC(=O)C
809	O1C(CO)C(O)C(O)C(O)C1OC1C(O)C(O)C(O)NC1CO
810	P(OC1OC(CO)C(F)C(O)C1O)(OP(OCC1OC(N2C=CC(=O)NC2=O)C(O)C1O)(=O)[O-])(=O)[O-]
811	O(C(=O)CO\N=C(/C1(CC1)c1cc2nc(n(c2cc1)C)CNc1ccc(cc1)C(=[NH2+])N)\c1ncccc1)CC
812	S(CCNC(=O)CCNC(=O)C(O)C(COP(OP(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1OP(=O)([O-])[O-])(=O)[O-])(=O)[O-])(C)C)C(=O)\C=C\c1ccc(N(C)C)cc1
813	O=C1NC(=O)NC(NCC(O)C(O)C(O)CO)=C1N=O
814	O(C)c1cc2[nH]cnc2cc1
815	Clc1ccc(cc1)C1N(C(=O)N2CC[NH2+]CC2)C(=NC1c

	1ccc(Cl)cc1)c1ccc(OC)cc1OC(C)C
816	Ic1cc(cc(I)c1[O-])CC(NC(=O)C)C(=O)NC(C(O)C)C(=O)[O-]
817	O1[N-]C(=O)C2=C1CCCC=C2C[C@H]([NH3+])C(=O)[O-]
818	S(CC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)NCC(=O)[O-])CO
819	O=C(N)CC
820	O=C([O-])[C@]([NH3+])(CC)C
821	S(=O)(=O)(N)c1ccc(cc1)C(=O)NCc1ccc(F)cc1F
822	O=C([O-])C
823	S(CC(NC(=O)CCC([NH3+])C(=O)[O-])C(=O)NCC(=O)[O-])C1c2c(-c3c(cccc3)C1O)cccc2
824	P(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1O)(OC(=O)C(N)Cc1[nH]cnc1)(=O)[O-]
825	O=C([O-])C(=N)C
826	O=C(NC1CCCCC1)NCCCc1ccccc1
827	Brc1cc(cc(-c2[nH]c3c(c2)cc(cc3)C(=[NH2+])N)c1O)C
828	O=C([O-])C([NH3+])C#C
829	[V](O[V](O)O)(O[V](O)O)(O)O
830	O=C([O-])CCCCCCC\C=C\CCCCCCCC
831	O=C([O-])CCC([NH3+])CC
832	OCCC([NH3+])(CCO)CCO
833	S(=O)(=O)(NC(Cc1cc(ccc1)C(=[NH2+])N)C(=O)N1CCCCC1C(=O)[O-])c1cc2c(cc1)cccc2
834	Oc1c2c(ccc1[C@@H](CC)C)cc1c(C(=O)C[C@@H](C1)[C@H](OC)C(=O)[C@@H](O)[C@H](O)C)c2O
835	O1C(CO)C(OC2OC(CO)C(O)C(O)C2O)C(O)C(O)C1OC1C(O)C(O)C(OC1CO)O
836	O=C(N)c1cc(N2CC2)c([N+](=O)[O-])cc1[N+](=O)[O-]
837	O=C([O-])CCCCCCC\C=C\CCCCCC
838	OC1CC(O)C\C(=C\C=C\2/C3CCC(C(\C=C\C=C\C(O)(CC)CC)C)C3(CCC/2)C)\C1=C
839	Oc1nc(nc2c1cc(cc2)CC(C(=O)[O-])c1ccc(cc1)C(=O)NC(CCC(=O)[O-])C(=O)[O-])N
840	Clc1c2c(CCC[NH2+]C2)ccc1Cl
841	P(OCC(O)C(O)C(O)C(=O)CO)(=O)([O-])[O-]
842	SCCCNC(=O)C(NC(=O)CNC(=O)C(NC(=[NH2+])N)C1CCCCC1)C
843	ClC=1CCC2N(C(=O)C2NC(=O)C([NH3+])c2ccccc2)C=1C(=O)[O-]
844	O=C(CCC([NH3+])C(=O)[O-])C
845	S1C(\C=C(\C=C)/C)(C)C([O-])=C(C)C1=O
846	O1C(C(=O)[O-])C(OC)C(O)C(O)C1O
847	Oc1cc2c(CCC2[NH2+]CC#C)cc1
848	S=C1NC(C(C(OCC)=O)=C(N1)C)c1cc(O)ccc1
849	O(CCOCCOC)CCOCCO
850	Clc1ccc(NC(=O)Nc2ccc(cc2)C(=[NH2+])N)cc1
851	S(CC([NH3+])C(=O)[O-])CC(=O)[O-]
852	O=C([O-])C=O
853	O=C([O-])CCCC
854	OC1C(O)CC(C=C1[O-])C(=O)[O-]
855	OC(CO)C
856	O=C1N[C@@H](CCCC(=O)[O-])C(=O)N[C@@H](CCC\N=C(\NC(=O)C)/N)C(=O)N2[C@H](CCC2)C(=O)N[C@H]2C[C@@H](O)N([C@H]1Cc1[nH]cnc1)C2=O
857	O=C([O-])C\C(=C\C(=O)[O-])\C(=O)[O-]
858	O(C(C)(C)C)C(=O)NC(Cc1ccccc1)C(=O)CC(Cc1ccccc1)C(=O)NC(CCC(=O)N)C(=O)NC(Cc1ccccc1)C(=O)N
859	P(OC1OC(CO)C(O)C(O)C1O)(OP(OCC1OC(N2C=CC(=O)NC2=O)C(O)C1O)(=O)[O-])(=O)[O-]
860	O=C/1NC(=N\C\1=C\1/CCNC(=O)c2[nH]ccc/12)N
861	O=C1NC(=NC=2NCC(N(C1=2)C)CNc1ccc(cc1)C(=O)NC(CCC(=O)[O-])C(=O)[O-])N
862	OC(CC(=O)[O-])(CC(=O)[O-])C
863	O=CN(C(C)c1ccccc1)C
864	OC[C@@H]([NH3+])C(C)C
865	O=C([O-])C([NH3+])CCC=O
866	O=C1NC(=NC=2NCC(=NC1=2)C(O)C(O)C)N
867	S(=O)(=O)(NC(CC#CCOC)C(=O)[O-])c1ccc(cc1)-c1ccc(OC)cc1
868	[Co]123n4c5C=c6n1c(=Cc1n2c(C=c2n3c(=Cc4c(C)c5CCC(=O)[O-])c(CCC(=O)[O-])c2C)c(CCC(=O)[O-])c1C)c(CCC(=O)[O-])c6C
869	O(C(=O)C(Cc1cc(ccc1)C(=[NH2+])N)C(NC(=O)c1ccc(cc1)-c1cc(ccc1)C[NH3+])C)C
870	O=C1N2C(CCC2)C(=O)NC1CCC[NH+]=C(N)N
871	[As+](c1ccccc1)(c1ccccc1)(c1ccccc1)c1ccccc1
872	Fc1cc(ccc1O)C[C@H]([NH3+])C(=O)[O-]
873	O1C(CO)C(O)C(O)C1n1c2ncncc2nc1
874	[Hg](I)I
875	Fc1cc(F)ccc1CO
876	P(OCC1OC2([N-]C(=O)N(CCCC(N(O)CO)C(=O)[O-])C2=O)C(O)C1O)(=O)([O-])[O-]
877	O=C([O-])CCc1c2[nH]c(Cc3[nH]c(Cc4[nH]c(Cc5[nH]c(C2)c(CCC(=O)[O-])c5C)c(C)c4CCC(=O)[O-])c(C)c3CCC(=O)[O-])c1C
878	Oc1c(cccc1O)C(=O)N
879	OC[C@@H](O)[C@@H](O)CO
880	[PH](OC(C)C)(OC(C)C)=O
881	[Mo+9]([O-])([O-])[O-]
882	S(C(=O)CC(=O)[O-])CCNC(=O)CCNC(=O)C(O)C(COP(OP(OCC1OC(n2c3ncnc(N)c3nc2)C(O)C1OP(=O)([O-])[O-])(=O)[O-])(=O)[O-])(C)C
883	O1C(C(O)CO)C(O)C(O)C(O)C1O
884	[nH]1c2c(cccc2)cc1
885	Oc1ccc(cc1N)C
886	O=C(N)C([NH3+])Cc1c2c([nH]c1)cccc2
887	O=C([O-])C(C([NH3+])C(=O)[O-])C
888	O=C([O-])C(CC(=O)[O-])CC(=O)[O-]
889	O1[C@H](CO)[C@@H](O)[C@H](O)[C@@H](O)C1=O
890	P(OCC1OC(n2c3N=CNC(=O)c3nc2)C(O)C1O)(=O)([O-])[O-]
891	O1C(CO)C(O)C(O)C1n1c[nH+]cc1N
892	O(Cc1ccccc1)C=O
893	O=C(N)c1cc(cc(c1)C(=O)[O-])-c1ccc(cc1)-c1ccccc1
894	OC(CC(=O)[O-])CC(=O)[O-]
895	O1C[C@H]2O[C@@H](O)[C@@H](O)[C@@H](O)[C@@H]2O[C@]1(C(=O)[O-])C
896	Clc1ccc(C(=O)[O-])c(N)c1O
897	Ic1c2c(ncnc2N)n(c1)[C@@H]1O[C@H](CO)[C@@H](O)[C@H]1O

898	o1cc(cc1)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H](CC(C)C)C(=O)N[C@H](\C=C\C(OCC)=O)C[C@@H]1CCNC1=O
899	[nH+]1c2c(CCCC2)c(NCCCCCCCCCNc2c3c([nH+]cc2)cccc3)c2c1cccc2
900	[nH+]1c2c(CCCC2)c(NCCCCCCCCC[NH3+])c2c1cccc2
901	O1[C@@H]2[C@H](NC1=O)c1c(cccc1)[C@@H]2C1=CN[C@@](Cc2ccccc2)(C[C@H](O)[C@@H](NC(OCCOCC)=O)Cc2ccccc2)C1=O
902	O1[C@H]2N3C=CC(=O)N=C3O[C@H]2[C@H](O)[C@H]1CO
903	O1[C@@H]2[C@H](N=C1N(C)C)[C@@H](O)[C@H](O[C@@H]1O[C@H](CO)[C@@H](O[C@@H]3O[C@H](CO)[C@@H](O)[C@@H](O)[C@H]3NC(=O)C)[C@@H](O)[C@H]1NC(=O)C)[C@H]2CO
904	[NH2+](CCCNCCC[NH2+]CC)CCC
905	BrCCCCCCO
906	O=C([O-])[C@@H]([NH3+])Cc1ccc(cc1)-c1ccccc1
907	OB(O)[C@H](NC(=O)[C@@H](NC(=O)CC[C@H](NC(OC(C)(C)C)=O)C(=O)[O-])CCCCNC(OCc1ccccc1)=O)C
908	Clc1cc(ccc1Cl)-c1c([nH+]c(nc1N)N)C
909	O(CCC[C@H]1C[C@](O)(C[C@@H](O)[C@@H]1O)C(=O)[O-])c1ccccc1
910	S(\C(=N/OS(=O)(=O)[O-])\Cc1ccccc1)[C@@H]1C[C@H](CO)[C@@H](O)[C@H](O)[C@H]1O
911	S(O[C@H]1[C@@H](O)[C@H](O[C@@H](OC[C@H](NC(=O)CCCCCCCCCCCCCC\C=C/CCCCCCCC)[C@H](O)\C=C\CCCCCCCCCCCCCC)[C@@H]1O)CO)(=O)(=O)[O-]
912	O=C1N[C@@H](C)C(=O)N[C@@H](CCC(C[C@@H]([C@@H](OC)Cc2ccccc2)C)C)[C@H](C)C(=O)\N=C(/CCC(=O)N(C)[C@@H](C)C(=O)N[C@H](C)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](C(=O)[O-])[C@@H]1C)\C(=O)[O-]
913	S(=O)(=O)(NCCCC[C@H]([NH3+])C(=O)[O-])c1c2c(ccc1)c(N(C)C)ccc2
914	O1[C@H](CO)[C@@H](O)[C@H](O[C@@H]2O[C@H](CO)[C@H](O)[C@H](O)[C@H]2O[C@@H]2O[C@@H](C)[C@@H](O)[C@@H](O)[C@@H]2O)[C@@H](N[C@@H](O)C)[C@@H]1O
915	O1[C@H](CO)[C@H](O)[C@H](O)[C@@H](O)[C@@H]1OCCCCCCCCCC(OC)=O
916	O[C@H]1C[C@H]2[NH+]([C@H](CC2)[C@H]1C(OC)=O)C
917	Brc1cc(ccc1O)C1(OC(=O)c2c3c1cccc3c(Cl)cc2)c1cc(Br)c(O)cc1
918	S(=O)([O-])(=Nc1nn[nH]n1)c1cc2c(Oc3c(cccc3)C2=O)cc1
919	S(C[C@H](NC(=O)CC[C@H]([NH3+])C(=O)[O-])C(=O)NCC(=O)[O-])C
920	S(=O)(=O)(N1CCC[NH2+]CC1)c1c2c(ccc1)C(=O)NC=C2
921	Ic1c(C(=O)[O-])c(I)cc(I)c1NC(=O)CCCCC(=O)Nc1c(I)c(C(=O)[O-])c(I)cc1I
922	s1cc(nc1C)CN1CCN([C@@H](C(C)C)C(=O)N[C@H]([C@H](O)CN(S(=O)(=O)c2ccc(cc2)\C=N\[O-])CC(C)C)Cc2ccccc2)C1=O
923	P(OC[C@@H](OC(=O)CCCCCCC\C=C/CCCCCC)COC(=O)CCCCCCC\C=C/CCCCCCCC)(=O)([O-])[O-]
924	Clc1cc(Nc2ccccc2C(=O)[O-])cc(Cl)c1OOO
925	O=C1N=C(NC=2NC[C@@H](N(C1=2)C)CNc1ccc(cc1)C(=O)N[C@@H](CCC(=O)[O-])C(=O)[O-])N
926	O1[C@H]2[C@H](OC[C@H]2Oc2ccc(cc2)C(=[NH2+])N)[C@@H](Oc2cc(ccc2)C(=[NH2+])N)C1
927	O[C@@H]1CC(C[C@@H](O)C1)=C\C=C/1\C2CC[C@H]([C@@H](CC#CC(O)(C)C)C)[C@]2(CCC\1)C
928	s1c2c(nc1)C([O-])=C(CCCCCCCCCCC)C(=O)C2=O
929	S(=O)(=O)([O-])Nc1n(nc(c1)-c1ccccc1)C
930	O1C(C)C(NC(=O)c2ncccc2O)C(=O)NC(CC)C(=O)N2C(CCC2)C(=O)N(C)C(Cc2ccccc2)C(=O)N2C(CC(=O)CC2)C(=O)NC(c2ccccc2)C1=O
931	Oc1c2c(ccc1)C(=O)c1c(C2=O)c(O)ccc1
932	O=C(NNC(C)C)c1ccncc1
933	O=C(NNCCC(=O)NCc1ccccc1)c1ccncc1
934	[NH+](=C(\[NH+]=C(N)N)/N)/CCCC
935	Brc1ccc(cc1)C(=CC[NH+](C)C)c1cccnc1
936	O(C(=O)CC)[C@@H]1[C@@]2([C@H]([C@H]3[C@H](CC2)[C@@]2([C@H](C[C@H](OC(=O)C)[C@@H]([NH+]4CCCCC4)C2)CC3)C)C[C@@H]1[N+]1(CCCCC1)CC=C)C
937	[NH2+]=C(N)N1CCc2c(C1)cccc2
938	o1cncc1-c1ccc(NC(=O)Nc2cc(ccc2)CNC(O[C@H]2CCOC2)=O)cc1OC
939	Brc1cc2N=CN(CC(=O)CC3[NH2+]CCC[C@H]3O)C(=O)c2cc1Cl
940	Clc1ccccc1-c1nc(sc1)NC(=O)c1n(c2c(c1)cccc2)CC(=O)[O-]
941	O1c2n(CCC1)c1c(cccc1)c2C(=O)NCC1CC[NH+](CC1)CCCC
942	O1[C@H](CO)[C@@H](O)[C@H](O)[C@@H](O)C1n1c2cc(O)ccc2c2c3c(c4c5c([nH]c4c12)cc(O)cc5)C(=O)N(NC(CO)CO)C3=O
943	O(C)c1nc(O[C@@H](C(OC)(c2ccccc2)c2ccccc2)C(=O)[O-])nc(OC)c1
944	O1c2c3c(OC(=O)C=C3CCC)c3c(O[C@H](C)[C@@H](C)[C@@H]3O)c2C=CC1(C)C
945	O[C@@H]1CC(C[C@@H](O)C1=C)=C\C=C/1\[C@@H]2CC[C@H]([C@H](CC)C)[C@]2(CCC\1)C
946	S1SCC(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C([NH3+])Cc2ccccc2)C1)Cc1ccc(O)cc1)Cc1c2c([nH]c1)cccc2)CCCC[NH3+])C(C)C)C(=O)NC(Cc1c2c([nH]c1)cccc2)C(=O)N
947	O=C(N(CC)CC)[C@@]1(C[C@@H]1C[NH3+])c1ccccc1
948	O(CCC)c1cc2[nH]c(nc2cc1)NC(OC)=O
949	Clc1c(OC)c(ccc1N)C(=O)NC1C2CCC[NH+](C2)CC1
950	O(C)c1cc(ccc1OC)C(=O)NCc1ccc(OCC[NH+](C)C)cc1
951	ClC(Cl)=CC1C(C)(C)C1C(OCc1cc(Oc2ccccc2)ccc1)=O
952	O=C(Nc1cc2c(cc1)C(CCC2(C)C)(C)C)c1ccc(cc1)C(=O)[O-]
953	O1[C@H](CO)[C@@H](O)[C@@H](O)[C@@H]1n1c2ncnc(N[C@@H]3CCOC3)c2nc1

954	Clc1cc(ccc1)C1=CC(=O)N(c2c1cc(cc2)[C@]([NH3+])(c1ccc(Cl)cc1)c1n(cnc1)C)C
955	O=C1N=C(N)C2N1C2
956	O1[C@H](C(=O)NCC)C(O)C(O)[C@@H]1n1c2nc(nc(N)c2nc1)C#CCC1CCC(CC1)C(OC)=O
957	Fc1ccccc1-c1onc(n1)-c1cc(ccc1)C(=O)[O-]
958	ClC(=NOC[C@H](O)C[NH+]1CCCCC1)c1ccc[n+]([O-])c1
959	O1[C@@H]2[C@]34CC[NH+]([C@H](Cc5c3c1c(O)cc5)[C@]4(O)CCC2=O)CC1CC1
960	[Mo-2]([SH2+])[SH2+]
961	S1[C@H]2[C@@H]3N([C@H](c4c2c(OC(=O)C)c(c2OCOc24)C)COC(=O)[C@@]2(NCCc4cc(O)c(OC)cc24)C1)[C@@H](O)[C@H]1[NH+]([C@@H]3c2c(cc(C)c(OC)c2O)C1)C
962	O1c2c3c(cccc3O[C@@H]3O[C@H](C)[C@H](O)[C@@](O)(C)[C@H]3O[C@H]3O[C@H](C)[C@H](O)[C@H](OC)[C@H]3[NH3+])c(O)c3c2-c2c(c(ccc2OC3=O)C)C1=O
963	O=C(C[C@@H]1[NH+](C)[C@@H](CCC1)C[C@H](O)c1ccccc1)c1ccccc1
964	FC(F)(F)Oc1ccc(cc1)CO[C@H]1Cn2cc([N+](=O)[O-])nc2OC1
965	FC(F)(F)C1=CC(=O)Nc2c1cc(N1[C@@H](CC[C@@H]1[C@@H](O)C(F)(F)F)C)cc2
966	O1[C@@H]2C[C@H](O)[C@@]3([C@H]([C@H](OC(=O)c4ccccc4)[C@]4(O)C[C@H](OC(=O)[C@H](O)[C@@H](NC(=O)c5ccccc5)c5ccccc5)C(=C([C@H](OC(=O)C)C3=O)C4(C)C)C)[C@]2(OC(=O)C)C1)C
967	Brc1cc(F)c(Nc2ncnc3c2cc(OC)c(OCC2CC[NH+](CC2)C)c3)cc1
968	s1cc(nc1-c1cc(OCC)c(OCC)cc1)-c1nc(ccc1)C(=O)[O-]
969	Brc1cc(F)c(cc1)CN1C(=O)[C@@]2(n3c(ccc3)C1=O)CC(=O)NC2=O
970	O=C1C[C@@H](O)[C@H](\C=C\CC(O)(CCCC)C)[C@H]1CCCCCCC(OC)=O
971	[NH3+]CCc1[nH]cnc1
972	[Cl+]([O-])[O-]
973	Clc1cc(Nc2ncnc3c2cc(NC(=O)C=C)c(OCCCN2CCOCC2)c3)ccc1F
974	O(CCOCCOCCOC)c1cc2=NC=C3N=C(C=c4[nH]c(=CC5=NC(=CN=c2cc1OCCOCCOCCOC)C(C)=C5CCCO)c(CC)c4CC)C(CCCO)=C3C
975	ClC(Cl)C(OC1(CC[C@H]2[C@H]3[C@@H]([C@@]4(C(=CC(=O)C=C4)CC3)C)[C@@H](O)C[C@]12C)C(OCC)=O)=O
976	ClC12C(C3CC(C)C(O)(C(=O)CO)C3(CC1O)C)CCC1=CC(=O)C=CC12C
977	O(CCC[NH+]1CCCCC1)c1cc2ncnc(N3CCN(CC3)C(=O)Nc3ccc(OC(C)C)cc3)c2cc1OC
978	O=C(N[C@@H](Cc1c2c([nH]c1)cccc2)C(=O)[O-])CC[C@@H]([NH3+])C(=O)[O-]
979	O1[C@@H]2[C@]34CC[NH+]([C@H](Cc5c3c1c(O)cc5)[C@]4(O)CCC2=O)CC1CC1
980	O1[C@@H]2[C@]34CC[NH+]([C@H](Cc5c3c1c(O)cc5)[C@]4(O)CC[C@@H]2O)CC1CCC1
981	Clc1cc(ccc1C1CCCCC1)\C=C/C[NH+](CC)C1CCCCC1
982	S(SCCNC(=O)CC[NH3+])CCNC(=O)CC[NH3+]
983	S(O[C@@H]1CC2=CC[C@H]3[C@@H]4CCC(=O)[C@]4(CC[C@@H]3[C@]2(CC1)C)C)(=O)(=O)[O-]
984	[Si](CCc1c2c(nc3c1cccc3)C=1N(C2)C(=O)C2=C(C=1)[C@@](O)(CC)C(OC2)=O)(C)(C)C
985	O=C(N(C1CC[NH+](CC1)CCc1ccccc1)c1ccccc1)CC
986	O=C(N)c1cc2c(nc1)cccc2
987	O(C(=O)C(=O)C)CC
988	[NH3+]CCc1[nH]cnc1
989	o1c2c(cc1C(=O)N[C@H]1C3CC[NH+](CC3)[C@H]1Cc1ccccnc1)cccc2
990	OC[C@H](Nc1nc(NCc2ccccc2)c2ncn(c2n1)C(C)C)CC
991	s1cccc1C[C@H](NC(=O)CNC(=O)C1N(C[C@H](O)C1)C(=O)C1N(CCC1)C(=O)C(NC(=O)[C@H]([NH3+])CCC[NH+]=C(N)N)CCC[NH+]=C(N)N)C(=O)N[C@H](C(=O)N1Cc2c(CC1C(=O)N1[C@@H]3[C@H](CC1C(=O)N[C@@H](CCC[NH+]=C(N)N)C(=O)[O-])CCCC3)cccc2)CO
992	FC(F)(F)COc1ccccc1OCC[NH2+][C@@H](Cc1cc(c2N(CCc2c1)CCCO)C(=O)N)C
993	S([C@H]1C[C@H]([NH2+]C1)CNS(=O)(=O)N)C=1[C@@H]([C@H]2N(C=1C(=O)[O-])C(=O)[C@@H]2[C@H](O)C)C
994	Clc1cc2c(N(CCC[C@H]2O)C(=O)c2ccc(NC(=O)c3ccccc3C)cc2C)cc1
995	Clc1cc2C3C(c4c(Oc2cc1)cccc4)CN(C3)C
996	F\C=C\1/[C@H](O)[C@H](O[C@H]/1N1C=CC(=NC1=O)N)CO
997	o1cccc1CNC(=O)c1ccccc1N(C(=O)COc1ccccc1)C
998	S(Oc1ccc(cc1)CCOc1ccc(cc1)C[C@H](OCC)C(=O)[O-])(=O)(=O)C
999	O[C@H]1[C@@H](C(NC(=O)C)C(CC)CC)[C@H]([NH+]=C(N)N)C[C@@H]1C(=O)[O-]
1000	Fc1ccc(cc1)CNc1[nH+]c(N)c(NC(OCC)=O)cc1

Supplemental Table 12: random sample from PubChem database representing small organic compounds without drug related properties and without subcellular localization information. Structure is presented as the *Simplified Molecular Input Line Entry Specification string of the major microspecies at pH 7.4, as calculated by ChemAxon.*

ID	Chemical Structure
1	O1[C@](O[C@H]2O[C@H](CO)[C@@H](O)[C@H](O)[C@H]2O)(CO)[C@@H](O)[C@H](O)[C@H]1CO
2	O1c2cc(ccc2OC1)C=CC(=O)[O-]
3	OCC(=O)[O-]
4	Fc1cc2c(N(C=C(C(=O)[O-])C2=O)C2CC2)c(OC)c1N1CC2C([NH2+]CCC2)C1
5	O=C1CC[C@@H]2[C@@H]3[C@H]([C@@H]4CC[C@@](O)(C#C)[C@]4(CC3)CC)CCC2=C1
6	S(=O)(=O)([O-])CC12CCC(CC1=O)C2(C)C
7	O=C1N(CC(=O)Nc2ccccc2)C(=O)N(C)C1=O
8	[NH+](N)=C(N)N
9	O1C2C34C(C([NH+](CC3)C)Cc3c4c1c(OCC)cc3)C=CC2O
10	P1(OC2C(O1)C(OC2CO)n1c2ncnc(N)c2nc1)(=O)[O-]
11	S=C([S-])N(C)C
12	ONc1cc2Cc3c(-c2cc1)cccc3
13	C(CCCCCCCCCC)CCCCCCCCCC
14	FC(F)(F)C(=O)CCCCCCCCCCCCCCC
15	N(=N\c1ccc(N(C)C)cc1)/c1cc(ccc1)C
16	S(=O)(=O)(C(CC(=O)c1ccccc1)c1ccccc1)c1ccc(N)cc1
17	n1cn(nc1)Cc1ccccc1
18	[N+](CCCC)(CCC)(CCC)CCC
19	ClCCOC(=O)Cc1ccccc1
20	[n+]12c(-c3[n+](CC1)cccc3)cccc2
21	[NH2+]1CCCC1C
22	ClC(Cl)C(=O)Nc1ccc(cc1)C
23	O1C2=CC(=[N+](CC)CC)C=CC2=C(c2c1cc(N(CC)CC)cc2)c1ccccc1C(=O)[O-]
24	FC(F)(F)C(=O)CCCC=CCC=CCC=CCC=CCCCCC
25	S(=O)(=O)(NCC(O)CNC(=O)C(CC(C)C)c1cc(ccc1)-c1ccccc1)c1ncccc1

26	S=C([S-])OC1CCCCC1
27	O=CNCC
28	O=C(N)C(CC[N+](CC)(C)C)(c1ccccc1)c1ccccc1
29	O1C(OC2OC3C(OC(OC4C(O)C(O)C([NH3+])CC4[NH3+])C([NH3+])C3)C(O)C2[NH2+]C)(C)C(O)C(O)C([NH3+])C1CO
30	BrC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F
31	O(CCCCCCCC)c1ccc(N)cc1CO
32	Clc1cc(Cl)ccc1OCCCC(=O)[O-]
33	O=C1N(Cc2n(-c3c1cc(N=[N+]=[N-])cc3)cnc2C(OCC)=O)C
34	O=C(NCc1ccccc1)C
35	o1nc(cc1CC[NH+](CC)CC)-c1ccc(OC)cc1
36	S(P(=S)(OC)OC)CC(=O)NCCOC
37	S(OCC)(OCC)(=O)=O
38	OC1CC(O)C(CC=CCCCC(OC(C)C)=O)C1CCC(=O)CCCCCCC
39	O=CCCC
40	Brc1cc(ccc1)C(=O)[O-]
41	SCC[NH2+]CCC(=O)N
42	S=P(N1CCCCCC1)(N1CC1)N1CC1
43	OCCN(CCO)c1ccc(\N=N\c2ccccc2)cc1
44	Fc1ccc(cc1)C(O)CCC[NH+]1CCN(CC1)c1ccccc1OC
45	O(C(=O)C(OCC)(c1ccccc1)c1ccccc1)C1CC[NH+](CC1)CC
46	O=C([O-])C([NH3+])CCC(=O)[O-]
47	O1c2c(C=C(c3cccnc3)C1=O)cccc2
48	S1c2c(N(c3c1cccc3)CCC[NH+]1CCN(CC1)CCOC(=O)CCCCCCCCC)cc(cc2)C(F)(F)F
49	O(C(=O)C1(CCCCC1)C1CCCCC1)CC[NH+]1CCCCC1
50	O=C1CCCC1C1CCCC1
51	Clc1cc2[nH+]c3c(cc(OC)cc3)c(NC(CCCN(CCCl)CCCl)C)c2cc1
52	O1C2CCC1C(C(=O)[O-])C2C(=O)[O-]
53	O=C1CC[C@@]2([C@@H]3[C@H]([C@@H]4CC[C@H](OC(=O)CCCCCC)[C@]4(CC3)C)CCC2=C1)C
54	S(C)c1nc(nc(n1)NCC)NC(C)(C)C
55	O(C(=O)C(C)C)C1CCC([NH+]2CCCCC2)CC1
56	Clc1ccc(cc1)Cn1c2c(nc1C[NH+]1CCCC1)cccc2
57	O=C([N-]c1nc(nc(n1)[N-]C(=O)c1ccccc1)[N-]C(=O)c1ccccc1)c1ccccc1
58	ICCCCCCCCCCCC
59	O(CC)C(=O)N(N=O)CC
60	O1c2cc(O)cc3c2C(c2c(C(C3(O)C3(O)c4cc(O)cc5OC(C(c6c(C3c3ccc(O)cc3)c(O)cc(O)c6)c45)c3ccc(O)cc3)c3ccc(O)cc3)c(O)cc(O)c2)C1c1ccc(O)cc1
61	O(C)c1ccccc1-c1ccccc1
62	O(C)c1ccc(cc1O)C=O
63	OC(C(O)C(=O)[O-])C(O)CO
64	[NH2+](C(C)C)C(C)C
65	P(Oc1c2c(ccc1)cccc2)(=O)([O-])[O-]
66	S(=O)([O-])c1ccc(cc1)C
67	P(OCC1OC(n2c[nH+]c(C(=O)[O-])c2N)C(O)C1O)(=O)([O-])[O-]
68	C(CCCCCCCC)CCCCCCC=C
69	[N+](CCN(C1CCCCC1)c1ccccc1)(C)(C)C
70	[NH2+](CCc1ccccc1)CCc1ccccc1
71	S(=O)(=O)(N)c1cc(ccc1C)C(O)C[NH2+]CCOc1ccccc1
	OC
72	O=C1NCC(=O)NC1CC(C)C
73	O1c2c(C3=C(CCC(C3)C)C1(C)C)c(O)cc(c2)CCCCCC
74	O=C1CCCCC1C(=O)C
75	O=C(N(CC)CC)c1c2CCCCCc2nc2c1cccc2
76	ClC(Cl)(F)C(F)(F)F
77	O(C(OCC)CC)CC
78	ONc1c2c(ccc1)cccc2
79	ClC(C)=C=O
80	O(CC(O)C)c1c2c(cccc2)c(cc1)C(=O)C
81	O=C(Cc1ccccc1)CC(=O)C
82	S(=O)(=O)([O-])c1c2c(cccc2Nc2ccccc2)ccc1
83	O=C([O-])CC(=O)[O-]
84	Oc1ccccc1C(=O)[O-]
85	S(=O)(=O)([O-])c1cc2c(cc1)c([N+](=O)[O-])cc([N+](=O)[O-])c2[O-]
86	[NH2+](C[C@]1(C2CCc3cc(ccc3[C@]2(CCC1)C)C(C)C)C)CC[NH2+]C[C@]1(C2CCc3cc(ccc3[C@]2(CCC1)C)C(C)C)C
87	ON=CN
88	ClC(S)=O
89	O=C1c2c(NC1=O)c(ccc2)C
90	O=[N+]([O-])c1ccccc1
91	P(F)(=O)([O-])[O-]
92	OC1CCC2C3C(CCC12C)C1(C(=CC(=O)CC1)C[C@H]3C)C
93	S=C=Nc1ccc(cc1)C#N
94	O1C(C(CCC12OC1CC=C(C)C(OC3OC(C)C(O)C(OC)C3)C(C=CC=C3COC4CC(=CC(C34O)C(OC(C2)C1)=O)C)C)C)C1CCCCC1
95	O(C)c1c(OC)cc(cc1OC)C(=O)N1CCN(CC1)CC(OC(=O)c1cc(OC)c(OC)c(OC)c1)C
96	BrCc1ccccc1Cl
97	[NH3+]C1CCCCC1
98	ClC(F)(F)C(F)F
99	O1c2c(C=CC1=O)ccc(OC)c2CC=C(C)C
100	O1C(C)C(O)C([NH3+])CC1OC1CC(O)(Cc2c1c(O)c1c(C(=O)c3c(C1=O)c(OC)ccc3)c2O)C(=O)CO
101	O1CC[NH+](CC1)C(CC(C(=O)CC)(c1ccccc1)c1ccccc1)C
102	o1c(nc(CCOc2ccc(cc2)CC(Nc2ccccc2C(=O)c2ccccc2)C(=O)[O-])c1C)-c1ccccc1
103	ClCCCCO
104	O(C(=O)C=C(NC(C(=O)[O-])c1ccccc1)C)CC
105	Ic1c(C(=O)[O-])c(I)c(NC(=O)C)c(I)c1N(C(=O)C)C
106	S(=O)(=O)(N(C(CCC)C)CC(=O)NO)c1ccc(OC)cc1
107	ClCCCCC
108	FC(F)(F)c1cc(OCCC[NH+]2CCC3(CCCCC3)CC2)ccc1
109	S1C(C)(C)C(NC1C(NC(=O)Cc1ccccc1)C(=O)NCc1ccccc1)C(=O)NC(Cc1ccccc1)C(O)CC(=O)NCc1[nH]c2c(n1)cccc2
110	S1(=O)(=O)CCC=C1
111	N#CCC(C)C
112	C(CC(C)=C)(C)(C)C
113	Clc1cc2[nH+]c3c(cc(OC)cc3)c(NC(CCC[NH+](CC)CC)C)c2cc1
114	o1c(ccc1[N+](=O)[O-])C=O
115	O=C(CCCCCCC(=O)NO)c1ccc(N2CCN(CC2)c2ccccc2)cc1

116	[As](c1ccccc1)(c1ccccc1)c1ccccc1
117	C(CCC=C)CC=C
118	S1CCSC1=S
119	O=C([O-])C([NH3+])Cc1[nH]cnc1
120	[n+]1(ccccc1)CCCCCCCCCCCCCCCCC
121	[nH]1nccc1
122	S(C(C)C)C
123	O=C1N(CC(=O)N)C(=O)N(CC(=O)N)C(=O)N1CC(=O)N
124	O(Cc1ccccc1)C(=O)C(CC)(C[NH+](C)C)c1ccccc1
125	P(OCC(O)C(O)C(O)CN1C=2NC(=O)NC(=O)C=2Nc2cc(C)c(cc12)C)(=O)([O-])[O-]
126	O(C)c1c([N+](=O)[O-])cc([N+](=O)[O-])cc1[N+](=O)[O-]
127	O=C(NN=C1CCCC1)c1ccc([N+](=O)[O-])cc1
128	O=C1NC(=O)NC1(C)C1CCCCC1
129	[N+](#C)c1ccc(cc1)C
130	O=C1N(CCCC)C(=O)N(c2ncn(c12)CC(=O)C)CCCC
131	O(CCC)c1cc(N)ccc1C(OCC[NH+](CC)CC)=O
132	Oc1cc(C(=O)[O-])c([N+](=O)[O-])cc1
133	O(C)c1ccc(N=O)cc1
134	OCC[NH+](CCCC)CCO
135	O=C1CC[C@@]2([C@@H]3[C@H]([C@@H]4CC[C@](OC(=O)C)(C(=O)C)[C@]4(CC3)C)C=C(C2=C1)C)C
136	O=C(NCCCCCCNC(=O)CCN1CC1)CCN1CC1
137	S=C=Nc1cc(N=C=S)ccc1C
138	[As](Cl)(c1ccccc1)c1ccccc1
139	Oc1c2NC(=CC(=O)c2ccc1)C(=O)[O-]
140	n1c(nc(nc1N(C)C)N)N(C)C
141	OC(CC(=O)[O-])(CCO)C
142	O=C1N=C(NC(=N1)CC)c1ccccc1
143	P(OCC)(OCC)(OP(OC)OC)=O
144	O1C(C(O)C(O)C(O)C1CO)c1c([O-])c(O)c2c(c1O)C(=O)c1c(cc(O)c(C(=O)[O-])c1C)C2=O
145	O1c2c3C4(C1CC(O)C=C4)CC[NH+](Cc3ccc2OC)C
146	n1c(ncnc1CC)CC
147	S(=O)(=O)(N1CCCC1COC)c1cc2c(NC(=O)C2=O)cc1
148	Nc1ccc(cc1)CCCCCCCCCCCC
149	Ic1cc(cc(C(=O)Nc2cc(Cl)c(cc2)C(=[NH2+])N)c1O)C
150	[n+]1(c2c(cccc2)c(N)c2c1cccc2)C
151	O(CCCCCC)c1ccc(cc1)-c1c2c([n+](c3c1cccc3)C)cccc2
152	O(CC[NH+]1CCCC1)c1ccc(cc1)-c1[nH]c2c(cccc2)c1-c1ccccc1
153	OC(C([NH2+]C)C)c1ccc(N)cc1
154	O=C([O-])CCC1C=2[NH2+]C(=CC3NC(=CC4[NH2+]C(C=C5NC(C=2)=C(CCC(=O)[O-])C5C)C(C)C4C=C)C(C)C3C=C)C1C
155	O=C(N(CC)CC)N
156	O=C(Nc1c2c(c3c(c1)cccc3)cccc2)C
157	O1CCN(CC1)CC#N
158	S(OOS(=O)(=O)[O-])(=O)(=O)[O-]
159	FC(F)(F)c1cc(\N=N\c2ccc(N(C)C)cc2)ccc1
160	O(C)c1ccc([N+](=O)[O-])cc1
161	O=C1N=C(Nc2ncc(nc12)C(O)C(O)C)N
162	Clc1ccc(NC=O)cc1
163	Clc1cc(ccc1)C(=O)C([NH2+]C(CO)(C)C)C
164	C1c2c(-c3c1cccc3)cc1c(c2)cccc1
165	ON
166	O(C)c1cc(C(N(CC(=O)[O-])CC(=O)[O-])CN(CC(=O)[O-])CC(=O)[O-])c([N+](=O)[O-])cc1OC
167	O=C1N(CCC1)CCCCC[N+](C)(C)C
168	O=C([O-])CN(CC[NH+](CCN(CC(=O)[O-])CC(=O)[O-])CC(=O)[O-])CC(=O)[O-]
169	O=CCCC=C
170	[Ca+2]
171	O(CC)c1ccc(cc1)C(OCC[NH+](CC)CC)=O
172	O1C(C(N=C1C)(C(OC)=O)C(OC)=O)c1ccoc1
173	O(C)c1ccccc1N1C2=NC(NC(=C2N=C1)C(=O)N)(C)C
174	S(=O)(=O)(N)N1CCN(CC1)C=1C(=O)N=C(NC=1N)C
175	O=C1[N-]C(=O)C2(C3CCC(C=C3)C12C#N)C#N
176	O(C)c1cc(ccc1OC)C\N=C\NC(=C(N)C#N)C#N
177	[S+]1(CCCC1)Cc1oc(cc1)C[S+]1CCCC1
178	S(=O)(=O)(NN=Cc1ccccc1)c1ccc(cc1)C=C1NC(=O)NC1=O
179	O=C1C(CCC1=CC=Cc1ccccc1)CNc1ccccc1
180	O(C(C)(C)C)C(=O)NC(=O)N(CC[NH+]1CCCC1)C
181	O=C1N2N(Cc3c(C2)cccc3)C=C1
182	O(C)C1=CC(=O)c2c(C1=O)c(O)ccc2O
183	Brc1ccc(cc1)-c1nc(sc1)NNC=1SC(=Cc2cc(OC)c(OC)c(OC)c2)C(=O)N=1
184	Oc1cc2CCC3C4CC[C@H](O)[C@]4(CCC3c2cc1C=C(C)C)C
185	OC1[C@@H](O)CN(OCc2ccccc2)C[C@H]1O
186	O=C([O-])c1nc2c(nc1Nc1ccc(cc1)C(=O)[O-])cccc2
187	s1cc(cc1)[C-](C(=O)c1occc1)CC(=O)c1occc1
188	O=C([O-])C(N(CC(=O)[O-])CC(=O)[O-])c1ccccc1
189	Brc1ccccc1S(=O)(=O)c1ccccc1NC
190	Clc1cc(SSc2cc(Cl)c(cc2S(=O)([O-])=Nc2[nH]c3cccnc3n2)C(=O)Nc2ccccc2)c(S(=O)([O-])=Nc2[nH]c3cccnc3n2)cc1C(=O)Nc1ccccc1
191	O1c2c(C34C1C[NH+](C(C3)CCC4)C)cccc2O
192	Brc1sc(Br)c2c1C(=O)[C@@H](Br)[C@@H]2[NH3+]
193	O(C(C)(C)C)C(=O)NCCCCC([NH3+])C(=O)N
194	O=C1c2c(CC13Cc1cc(ccc1C3)C(=O)C)cccc2
195	Brc1c2c(cccc2)c(OCc2ccccc2)cc1
196	O=C1C(CCCCC1=C)CCC(CCOC)=C
197	O(C)c1cc2CCc3c(n(c4c3cc(OC)cc4)CC[NH+]3CCCCC3)-c2cc1
198	S(=O)(=O)(N1CC(CN(S(=O)(=O)c2ccc(cc2)C)CCC[NH+](CCC1)CC(CC)C)=C)c1ccc(cc1)C
199	O1[C@@H]2C3C(=C(C[C@H](OC(=O)c4ccccc4)C2[C@H](C)C1=O)C)C(=O)C=C3C
200	Clc1cc(SC(C(=O)[O-])c2ccccc2)c(S(=O)([O-])=Nc2nc(nc(n2)N)N(C)C)cc1C
201	s1cccc1C(=O)N(C(=O)N1CCCCC1)c1ccccc1
202	BrC(C(Cl)(C)C)CC\C(=C\C)\CBr
203	s1c2N(c3ccccc3)C(=S)N(CC(OCC)=O)C(=O)c2nc1SC
204	O=C1n2c3c(nc2[N-]N=C1)cccc3
205	O(C)c1cc(Nc2nc(nc(n2)NNC(=O)Cc2ccccc2)NNC(=O)c2ccncc2)ccc1
206	Clc1cc([S-])c(S(=O)(=O)NC=2NCCCN=2)cc1C
207	P(OC(C)C)(OC(C)C)(=O)C(N(C(=[NH+]C=1OC(OCC)=NC(N=1)(C(F)(F)F)C(F)(F)F)N)C)C(C)C
208	IC(C(=O)c1ccccc1)=C1CCCC1C

209	Clc1cc([S-])c(S(=O)([O-])=Nc2nc([nH]n2)N)cc1C
210	s1cccc1C(=O)N1CCc2c(C1)cccc2
211	O1[C@@H]2[C@]34C5([C@H]([NH+](CC3)C)Cc3c4c1c(OC)cc3)CC(C(O)(C)C)C2(OC)CC5
212	O(C(OC)CNC(=O)C(NC(=O)C=Cc1ccccc1)C)C
213	O=C1c2c(N(c3ncccc13)CC[NH+](CC)CC)ccc1c2n(nc1)CC[NH+](CC)CC
214	Clc1cc(NC)c(cc1)C(=O)N1CCC[C@H]1CO
215	O=C1N2N(C3CCC2CC3)C(=O)N1c1ccccc1
216	O=C1C=C2C=C(NC=C2C=C1[O-])C(=O)Nc1ccccc1
217	O=C1N(C(=O)C=2C(NNC=2N)=C1C#N)c1ccccc1
218	O(Cc1ccccc1)c1ccc(nc1)CC(N)C(OCc1ccccc1)=O
219	OCc1ncn(c1)C(c1ccccc1)(c1ccccc1)c1ccccc1
220	ClCC1c2c(N(S(=O)(=O)c3[nH]c4c(cc(OC)cc4)c3)C1)cc(N)cc2
221	O1[C@@H]2C34C5(C6C(C2(OC)C=C5)C(=O)NNC6=O)C([NH+](CC3)C)Cc2c4c1c(OC)cc2
222	O=C1NC(=NC(=O)[CH-]1)NN1C(=NC(=Cc2ccccc2)C1=O)c1ccccc1
223	ClCCCSc1ccccc1NC(=O)C=Cc1ccccc1
224	S(=O)(=O)(c1ccc(NC(=O)c2ccccc2SC(=O)CCCC[n+]2ccccc2)cc1)c1ccc(NS(=O)(=O)Cc2ccccc2[N+](=O)[O-])cc1
225	[S-]c1cc2c(NC(=CC2=O)c2ccccc2)cc1
226	O=C1NN=C(N1N=Cc1ccncc1)C
227	O(C(=O)[O-])C12C(CCCCC1)C(=O)C1C2CCCC1
228	OC(CNC(=O)Nc1ccccc1)C[NH+](C)C
229	O(C(=O)NC(NC(=O)C)Cc1ccccc1)C
230	O=C1N(c2c(cccc2)C(N=[N+]=[N-])=C1)c1ccccc1
231	Clc1cc(ccc1Cl)C=C1C(=O)C([P+](c2ccccc2)(c2ccccc2)c2ccccc2)=C([O-])C([P+](c2ccccc2)(c2ccccc2)c2ccccc2)=C1O
232	O=C([O-])C([NH2+]CC#C)Cc1ccccc1
233	S1CC2N(C1)C(=O)c1c(N=C2NCC(OCC)=O)cccc1
234	S1SCCC(=O)N[C@H](C(OC)=O)C1(C)C
235	S1c2c(C(=Nc3c1cccc3)N)c(F)ccc2
236	ClC(Cl)(P(=O)(CC)CC)C(O)C(C)(C)C
237	O1[C@@H](C)[C@](CC12CC[NH+](CC2)C)(C(=O)C)c1ccccc1
238	O=C(NCC([N+](=O)[O-])(CNC(=O)c1ccccc1)C)c1ccccc1
239	O1CC2Cc3c(cc4OCOc4c3)C1(C2CO)c1cc(OC)c(OC)c(OC)c1
240	O1C(CCC1N1C=CC(=NC1=O)N)(CO)C
241	Fc1ccc(cc1)C(=O)CCC[NH+]1CCC2(Oc3c(cccc3)C(=O)N2)CC1
242	Clc1cc(ccc1)COc1ccc(cc1)C=CC(=O)N(O)C
243	O1[C@@H]2[C@@H](C[C@@H](O)[C@@]1(CCC=C(CCC[C@H](C)[C@@H]2O)C)C)C1(CC1)C(OC)=O
244	O1C[C@@H](O)[C@H](n2c3ncnc(N)c3nc2)[C@@H]1C(OC)OC
245	Clc1ccc(cc1)CC1=NNC(=O)N1n1c(ccc1C)C
246	Oc1c(cccc1O)C(=O)NCCN(CCNC(=O)c1cccc(O)c1O)CCNC(=O)c1cccc(O)c1O
247	O=C1c2c(CC1Cc1cc(ccc1C(OC)=O)C)c(ccc2)C
248	O1C(CO)C(O)C(O)C(OC2OCC(O)(COC(=O)C(=CCCC(CCO)C)C)C2O)C1O[C@@H]1OC=C(C2C1[C@@](O)(CC2)C)C(=O)[O-]
249	OC[C@H]1C[C@H](CC1)Cn1nnc2c1nc(nc2N)N
250	O=C1N(N(C(=O)C)C(=O)C)C(=NN1C(=O)C)Cc1ccc(cc1)C
251	O1c2c(cc(cc2\C=N\c2ccccc2O)C)C=CC12Oc1c(cccc1)C(=O)N2C
252	O1C(C(O)C(O)C1CO)c1oc(O[C@@H]2CC(CC[C@H]2C(C)C)C)nn1
253	O(c1ccc(cc1)C1(O)CC[NH+](CC1C(=O)c1ccc(Oc2ccc(cc2)C)cc1)CC)c1ccc(cc1)C
254	S(CCOCN1C(Cc2ccccc2)=C(CC)C(=O)NC1=O)c1ccccc1
255	O=C(NN=C(C)c1ncccc1)NN=C(C)c1ncccc1
256	S1(=O)(=O)C(=Cc2cc(Oc3ccccc3)ccc2)C(=O)N(C1c1ccccc1)c1ccc(OC)cc1
257	O=C1N(C(=O)C2C1C1CC(CCC1c1c2[nH]c2c1cccc2)C(C)(C)C)c1ccc([N+](=O)[O-])cc1
258	O(C)c1c(OC)cc(cc1OC)C=Nc1ncccc1
259	S(=O)(=O)(N)c1cc(S(=O)(=O)N)ccc1[N-]C(=O)N=S(=O)([O-])c1ccc(cc1)C
260	O(CC(=O)[O-])c1cc(nc2c1cc(OC)cc2)-c1ccccc1
261	O(C)c1cc(\N=N\N2CCCC2)ccc1
262	O=C(Nc1c2c(ccc1)cccc2)NCCCCCC[NH2+]Cc1c2c(ccc1)cccc2
263	O1C2=C(CC1C(C)=C)C(=O)c1c(cccc1O)C2=O
264	O(Cc1ccccc1)c1cc(cc(O)c1)CCNC(=O)CCc1cc(O)c(O)cc1
265	O=C(NC(CCC(=O)NCCCCCCCCCCCCC)C(=O)NCCCCCCCCCCC)c1ccc(N(Cc2nc3c(nc(nc3N)N)nc2)C)cc1
266	s1c2c(cc1C(=O)C)C(=O)c1c(cc(cc1)C(=O)C)C2=O
267	S(C12C=CC(OC1=O)CC12CCOC1=O)c1ccc(cc1)C
268	O1OC(OC)CCC1CO
269	S(=O)(Nc1ccccc1)c1ccccc1OC
270	[n+]1(c2c(ccc3c2nccc3)ccc1)C
271	S(c1cc(C#N)c(N)cc1)c1cc(C#N)c(N)cc1
272	O=C1N(N2C(=NNC2=O)c2ccccc2)C(=O)C=C1
273	S(=O)([O-])(=Nc1cc(OC)ccc1OC)c1cc2c(N=CN(NC(=O)CNc3cc(OC)ccc3OC)C2=O)cc1
274	O1[C@@H]2C[C@H](ON3O[C@H]([C@@H](C23)C1=O)C(OCC)=O)OC1CCCC1(c1ccccc1)c1ccccc1
275	Oc1ccc(cc1)CC(NC(=O)C(NC(=O)C)CO)C(=O)NCC(=O)N
276	Brc1c(-c2cc(OC)c(OC)cc2)c(Br)[nH]c1C(OCC)=O
277	O=C1c2c(CCCC1=Cc1ccccc1)cccc2
278	O=C1N(C)C(=O)N([N-]1)c1c(cc(cc1C)C)C
279	O1CCOC12C1CCC(C)(C2OCC(C)(C)C)C1(C)C
280	O(C)c1cc(ccc1OC)C(=Cc1cc(OC)c(OC)cc1)C(OCC=C)=O
281	O1[C@@H]2[C@@H](O[C@H](C2)[C@@]2(OCC[C@H](C)[C@@H]2O)O)C=CC(=C[C@H](C[C@]2(O[C@H]([C@]34O[C@](CC3)(C[C@H](O4)[C@@H]3O[C@](CC3=O)(C)[C@@H](O)[C@@H]3O[C@@]4(O[C@H](CCC4)[C@H](C)C1=O)CC3)CO)CC2)C)C)C
282	O=C1c2c3c(cccc3cc3c2cccc3)C1=NNC(=O)c1ccc(cc1)C
283	S(C(=O)CCCC[n+]1ccccc1)c1ccccc1C(=O)Nc1ccc(S(=O)([O-])=Nc2oc(C)c(n2)C)cc1
284	O=C1n2c(nc3cc(ccc23)Cc2cc3nc-4n(c3cc2)C(=O)c2c3c(ccc2)c(N)ccc3-4)-c2c3c1cccc3c(N)cc2
285	OC=1N(CC(OCC)=O)[CH-

	]C(=O)C=1C1=CC(=O)N(C1)CC(OCC)=O
286	O1C2c3c(OCC2(O)Cc2cc(OC)ccc12)cc(OC)cc3
287	O(C)c1c2c(cc(c1)C)c(cc(-c1cc(c3c(c1O)c(OC)cc(c3)C)-c1c3c([C@H]([NH+](C)[C@@H](C3)C)C)c(O)cc1O)c2O)-c1c2c(C([NH2+][C@@H](C2)C)C)c(O)cc1O
288	O(C(=O)C1N(CCC1)C(=O)C(NC(OC(C)(C)C)=O)CC(C)C)Cc1ccccc1
289	S(C1OC(COC(=O)C)C(OC(=O)C)C(OC(=O)C)C1OC(=O)C)C1=NC(=Cc2ccc(cc2)C)C(=O)N1CC=C
290	Clc1cc2c(NC(=C(C(OCC)=O)C2=O)c2ccccc2)cc1
291	O1CC[NH+](CC1)C1CCCC2c3c(cccc3)[C@]12O
292	O(C(=O)C)C=1C(=O)C2(C(CCC(C)C(OC(=O)C)CCC(=CCCC(=CC2)C)C)C=1C(COC(=O)C)C)C
293	Clc1ccc(Nc2sc(C(=O)c3occc3)c(n2)N)cc1
294	Clc1ccc(NC=2n3c(nc4cc(C)c(cc34)C)C(C#N)=C(C=2)c2ccccc2)cc1
295	Clc1ccc(cc1)CNC(=O)c1cc2sccc2nc1C(F)(F)F
296	O1c2cc(OC)c3c(O[C@H](C)[C@@H](C)C3=O)c2C=CC1(C)C
297	OC=1N(c2c(cccc2)C(=O)C=1C(=O)NCCC[NH+](C)C)C
298	S(=O)(=O)(N(CC=C)c1cc(OC)c2[nH]cc(c2c1[N+](=O)[O-])C)C
299	O=C1NC(=O)NC(NN(C)C)=C1
300	s1ccc(C)c1C=NNc1sc2c(n1)cccc2
301	O(CC[NH+](C)C)c1ccc(cc1)-c1n2c(C=CC=C2)c(C(=O)C)c1-c1ccccc1
302	O1c2c(OCC1C[NH+]1CCC3(N(CN(C(CC)C)C3=O)c3ccccc3)CC1)cccc2
303	S(=O)([O-])(=Nc1noc(c1)C)c1ccc(Nc2c3c([nH+]c4c2cccc4)c(ccc3)C(=O)Nc2ccc(NC(=O)C)cc2)cc1
304	Oc1ccc(cc1)C=CC(C=C)(C)C
305	O1c2c(cccc2)C(=C(Oc2ccccc2)C1=O)c1ccc(O)cc1
306	O1c2c(C(=O)[C@H](C)C1C)c(O)cc1OC(CCc12)(C)C
307	S1(OCCOS(=O)(=O)C1CN1C(=O)c2c(cccc2)C1=O)(=O)=O
308	O1C[C@@H](NC1=O)COc1ccc(cc1)C=O
309	S1C=2N(N=C1N)C(=O)c1c(N=2)cccc1
310	S1CC2OC(n3c4ncnc(N)c4nc3)C(O)C2(O)CC1
311	Brc1cnc(Oc2ccc([N-]C(=O)NC(=O)c3ccccc3NC(=O)C[NH3+])cc2C)nc1
312	O=C1N=C(NC(=C1)C)NNC(C#N)c1ccc(N(C)C)cc1
313	S1C(c2c([NH+]=C1N)n(nc2C)C(=O)Cc1ccccc1)c1cc(OC)ccc1
314	O=C(Nc1cc2c(cc1)cccc2)Nn1cnnc1
315	O=C1N=C(Nc2nc[nH]c12)Nc1cc(CO)c(cc1)C
316	O=C1N(Cc2nnn(c2)COCCOC(=O)C)C(=O)N(C=C1C)C(=CC(OCC)=O)C(OCC)=O
317	Clc1cc(NC=2OCCN=2)c(OC)cc1OC
318	O=C1N2[C@@H](Cc3c([nH]c4c3cccc4)C2CC(C)C)C(=O)NC1COC(C)(C)C
319	O1c2c(cc3OCOc3c2)C(C(C)C1[NH+](CC)CC)c1cccc(OC)c1OC
320	s1nc(N2CCCC2)c(C(OCC)=O)c1Nc1ccccc1
321	s1cc(c2c1cccc2)CC[NH+]1CCC2(N(CN(C)C2=O)c2ccccc2)CC1
322	O1C(CO)C(O)C(O)C(O)C1OC1C(O)C(O)C(OC1O[C@H]1CC[C@]2([C@@H](CC[C@@]3([C@@H]2CC	
	=C2[C@@H]4CC(CC[C@@]4(CC[C@]23C)C(=O)[O-])(C)C)C)C1(C)C)C)CO
323	Oc1ccc(O)cc1C=Cc1ccc(cc1)C(OC)=O
324	O\1c2c(ccc(O)c2)C(=O)/C/1=N/c1ccccc1
325	S=C1N(C(=O)C(=O)N1C1CCCCC1)C1CCCCC1
326	O(C)c1ccc(N2C(=O)C(CC2=O)C2CC(CCC2=O)C(C)(C)C)cc1
327	O1c2c(C(=CC1=O)C)c(OC)cc(OC)c2
328	OC12C(CCCCC1O)[C@]1(OC(=O)C)C2CCCCC1
329	O=C1N2N(CCCCC2)C=C1
330	O(C)c1cc2c3NCCN(c4c3c(nc2cc1)c([N+](=O)[O-])cc4)CC[NH+](C)C
331	Brc1cc(cc(Br)c1N)-c1sc2c(n1)cccc2
332	O=C(NC1CCCCC1)c1ccc(N(Cc2nc3c(nc(nc3N)N)nc2)C)cc1
333	O(CC(\N=C\c1cccnc1)=NNC(=O)c1ccncc1)c1ccc(OC)cc1
334	[Si](O[C@H]([C@@H](NC(=O)c1ccccc1)c1ccccc1)C(OC(c1ccc(OC)cc1)c1ccc(OC)cc1)=O)(C(C)(C)C)(C)C
335	O=C1C=C2C=C(NC=C2C=C1[O-])C(OC)=O
336	Oc1cc(ccc1O)C=C(C(=O)NCCCCCCCCCNC(=O)C(=Cc1cc(O)c(O)cc1)C#N)C#N
337	s1c2c(cc1C1(NC(=O)C)CCCCCC1)cccc2
338	O(C(=O)C(=CC(OC)=O)c1c2-c(cc(ccc2C)C(C)C)c(c1)C)C
339	OC1(C2C(C(C1)c1ccccc1)C(=O)c1c(NC2=O)cccc1)c1ccccc1
340	Oc1ccc(O)cc1CC=C(CCC=C(CCC=C(CCC=C(CCC=C(CCC=C(CCC=C(CCC=C(CCC=C(C)C)C)C)C)C)C)C)C)C
341	Clc1ccc(cc1)C=1N=C(c2n(C=1)c1c(n2)cccc1)C=Cc1sccc1
342	S=C1N(CCC1c1c(c[nH]c1C([O-])=C[N+]#N)C(OCC)=O)CC
343	S(=O)(=O)(N(N=CC(OC(=O)C)C(OC(=O)C)C(OC(=O)C)C(OC(=O)C)COC(=O)C)C(=O)C)c1ccc(cc1)C=C1NC(=O)NC1=O
344	Fc1ccc(cc1)C1(OC(=O)c2c1cccc2)c1ccc(cc1O)C
345	S(=O)([C@@H]([C@@H](Nc1ccc(OC)cc1)C(F)(F)F)c1ccccc1)c1ccc(cc1)C
346	O=C1C(=O)N(C(=O)[C-]1C(=O)C)c1cccc(C)c1C
347	P1(OC(CN1C(C)(C)C)(C)C)(=O)C(CC)C=O
348	O=C1CCC2(CC1C(OC)=O)Cc1c(cccc1)C2=O
349	[nH]1cc(c2c1cccc2)-c1ncc(nc1)-c1c2c([nH]c1)cccc2
350	S1C=2N(N=C1SCc1ccccc1)C(=O)C=C(N=2)C
351	S1C23C(CC14N(CCc1c4[nH]c4c1cccc4)C2=O)CCCC3
352	s1c2[n+](nc1N)c(n(n2)Cc1ccccc1)C
353	O=C1c2cc(ccc2CC1Cc1ccccc1C(=O)[O-])C
354	ClC=1C=CC2=NC3=NC(=O)NC(=C3C(NCC[NH2+]CCO)=C2C=1)C
355	Oc1ccc(cc1)C[C@H](N=C1[C@@H]2C[C@@]([N+](=O)[O-])(C)[C@@]1(O)CCC2)C(OCC)=O
356	O=C1N=C(N)C=CN1COCCOCc1cc(ccc1C)C
357	O=C1NC(=O)NC(\N=N\c2cc(C)c(cc2)C)=C1
358	O=C(N(CCn1c(ncc1[N+](=O)[O-])C)C)CCCn1ccnc1[N+](=O)[O-]
359	O=C1N(c2cccc(C)c2C)C(=O)C2C1C1CC(CCC1c1c2[nH]c2c1cccc2)C(C)(C)C
360	S1C2N(c3c(C2=NN(C)C1=N)cccc3)C(=O)C
361	s1ccc(c1-c1sccc1)-c1sccc1

362	O=C1C=C2NC(=O)C(=CC=C[C@@H](OC)[C@H](OC(=O)N)C(=C[C@@H](C)[C@@H](OC(=O)CC[NH+](C)C)[C@H](OC)C[C@@H](CC(=C1NCC=C)C2=O)C)C)C
363	O=C1c2c(CC1=Cc1ccccc1C(OC)=O)c1CCCc1cc2
364	[I+](C=1C(=O)NC(=NC=1[O-])N)c1ccccc1
365	OC1(N=C(c2c(-n3c1ccc3)cccc2)c1ccccc1)CC
366	O=C(N)C=1NC(N=C2N(C=NC=12)Cc1ccccc1)(C)C
367	O=C1CCC(N(C(=O)c2ccccc2)CCCC)c2c1[nH]c1c2cccc1
368	[n+]1(c2c(cccc2)c(N(C)C)cc1C)CCCCCCCCCCC[n+]1c2c(cccc2)c(N(C)C)cc1C
369	Fc1ccc(cc1)C(CC1OCCO1)C[NH+]1CCC2(N(C)C(=O)N(C)C2=O)CC1
370	Clc1ccccc1C1=COc2c(ccc(F)c2)C1=O
371	Clc1cc2N=C(N(C(=O)c2cc1)c1scc(n1)C)C
372	O(CC)c1ccc(N\C=C(/C#N)\c2[nH]c3c(n2)cccc3)cc1
373	Clc1c(cccc1Cl)\C=C(/C(=S)N)\C#N
374	s1c2c(nc1NC(=O)\C=C\c1c3c(ccc1)cccc3)cccc2
375	O=C1N(CC(=O)N2c3c(cccc3)[C@@H](CC2(C)C)C)C(=O)CC1
376	O=C1NC(C)=C(C(OCCC(C)C)=O)[C@H](N1)c1ccc(cc1)C
377	S=C(Nc1cc(F)ccc1)NCc1ncccc1
378	Clc1ccccc1C=NN1CCN(CC1)c1ccc(cc1)C
379	O=C(N[C@H]1CCCC[C@H]1C)c1ccc([N+](=O)[O-])cc1
380	Clc1ccc2c(NC(C)=C(CN3CC[NH+](CC3)C)C2=O)c1C
381	S(=O)(=O)(Nc1ccccc1C#N)c1ccccc1
382	O1CCN(CC1)c1ccccc1NC(=O)c1ccccc1
383	O=C1NC(C)=C(C(OC(C)C)=O)[C@@H](N1)c1ccccc1
384	O(C)c1ccc(cc1)C(=O)NNC1=Nc2c3c1cccc3ccc2
385	O=C1N(N(C)C(C)=C1NC(OCc1ccccc1)=O)c1ccccc1
386	O=C(N)C1CC[NH+](CC1)CCC(=O)Nc1cc2CCCc2cc1
387	O1C(=CC(=Cc2cc([N+](=O)[O-])ccc2)C1=O)c1ccccc1
388	O1c2cc(ccc2OC1)C1[NH2+]CCc2c1cc(OC)c(OC)c2
389	Clc1ccc(cc1N)-c1oc2c(n1)cc(cc2)C
390	S(Cc1ccc(cc1)C)c1nnc(n1N)-c1ccccc1
391	O1CCN(CC1)C(=O)c1cc2c(cc1O)cccc2
392	O(CCC(C)C)c1ccc(cc1)[C@]1(NC(=O)NC1=O)C
393	Brc1cc(OCC(Oc2ccccc2C)=O)ccc1
394	s1cccc1S(=O)(=O)N1c2c(CCC1)cccc2O
395	S\1c2c(N(CCO)/C/1=C\c1[n+](cccc1)C)cccc2
396	s1c2N(CN(Cc2c(C)c1C)CC=C)C(=O)c1ccccc1
397	S1CC(=O)Nc2cc(ccc12)C(=O)N1CCOCC1
398	Clc1ccc([N+](=O)[O-])cc1N1C(=O)[C@H]2[C@H]([C@H]3O[C@@H]2C=C3)C1=O
399	O1CC[C@@](CC1(C)C)(Cc1ccccc1)CCN1C(=O)CCC1=O
400	O=C(Nc1ccccc1)c1ccc(cc1)C
401	S(=O)(=O)(NCc1ccc(cc1)C)c1cc(OC)c(OC)cc1
402	S(Cc1ccc(cc1)C(OC)=O)c1nncn1C
403	O1CCC[C@H]1COC(=O)[C@@H]1CC=CC[C@H]1C(=O)Nc1ccccc1
404	O(C)c1cc(N2C(=O)CN=C2Nc2nc(cc(n2)C)C)ccc1OC
405	O=C1N2C(=Nc3c1cccc3)[C@@H](c1c(C2)cccc1)Cc1ccccc1
406	O=C(C)c1cc(NC(=O)\C(=C\c2ccc(cc2)C(C)C)\C#N)cc
	c1
407	O=C1NCCC[C@@H]1C(=O)NC[C@H](O)CO
408	O1c2n[nH]c(c2[C@H](C(C#N)=C1N)c1ccc(OC(C)C)cc1)C
409	O([C@H](C(=O)NN=C1CC[NH+](CC1)C)c1ccccc1)C
410	S=C(NC(=O)c1occc1)[N-]c1ccc(N(C)C)cc1
411	O(C[C@@H]1CCC=CC1)C[C@H](O)Cn1c2c(nc1CC)cccc2
412	Brc1cc(ccc1)[C@H]1SC[C@@H](N1)C(=O)[O-]
413	Clc1ccc(cc1)CSc1nc2c(cc1)cccc2
414	O(c1ccccc1C=CC(=O)[O-])c1ccccc1
415	O(CC)C(=O)Nc1ccccc1C(=O)N1CCCCC1
416	O=C(NC1CCCCC1)N1c2c(cc(cc2)C)[C@H](CC1(C)C)C
417	O(C)c1ccccc1C=CC(=O)Nc1cc(cc(c1)C)C
418	O(C(=C(C#N)C#N)c1ccccc1)C
419	O=C1c2c(cccc2)C(=O)C1=C(Nc1ccccc1C)C#N
420	o1c2c(nc1-c1cc(N)ccc1)cc(cc2)CC
421	O=C(N[C@@H](C(=O)N)C#N)C
422	o1cccc1C(O[C@H]1CCC[NH+](C1)C)=O
423	O(C)c1ccccc1C(=O)NC1CC([NH2+]C(C1)(C)C)(C)C
424	O=C1NC(C(C(OC)=O)=C(N1)C)c1cc([N+](=O)[O-])c([O-])cc1
425	[nH+]1c2c(n(CC[NH+](C)C)c1N)cccc2
426	ON=Cc1c(n(nc1C)-c1ccccc1)C
427	O(C)c1ccccc1Nc1c2cc(ccc2ncc1C(OCC)=O)C
428	s1ccnc1NC(=O)c1cc(OC)cc(OC)c1
429	Clc1cccc(Cl)c1C=CC(=O)N(C)C1CCCCC1
430	s1c(N=CC2C(=O)CCCC2=O)c(cc1C)C(OCC)=O
431	O=C1N2N=C(n3nc(cc3C)C)c3c(C2=Nc2c1cccc2)cccc3
432	O1[C@@]2(O)c3c(cccc3)C(=O)[C@]2(O)C(C(OCC)=O)=C1C
433	O(C)c1cc(ccc1OC)C=NNC(=O)c1n[nH]c2c1CCCC2
434	S=C1NC(=O)/C(/N1)=C\c1ccccc1OC
435	o1c(ccc1COc1cc2c(cc1)cccc2)C(=O)NN
436	s1cccc1[C@](O)(C(=O)NNc1ccc(cc1)C)c1ccccc1
437	Fc1cc(ccc1)C=1OC(=O)/C(/N=1)=C\c1c2c(ccc1)cccc2
438	O(C)c1cc(ccc1OC)C(=O)CC(=O)c1ccccc1O
439	Brc1ccc(cc1)C(=O)CSc1nc([nH]n1)CC
440	O1c2c(C=C(C(=O)Nc3ccccc3OC)C1=O)cc(OC)cc2
441	Brc1cc(C)c(OC(=O)c2cc(OC)ccc2)c(c1)C
442	S(=O)(=O)(N)c1cc2[C@@H]3[C@@H](CC=C3)[C@H](Nc2cc1)C(C)C
443	s1c2c(CC[C@@H](C2)C)c(C(OC)=O)c1NC(=O)COC
444	s1cccc1-c1[nH]nc2OC(N)=C(C#N)[C@@H](c12)c1ccccc1F
445	O=C(NN=CC(C)C)c1ccc(N(C)C)cc1
446	O(C)c1cc2c(cc1OC)CCN(C(=O)c1ccccc1)[C@H]2C
447	O(CC(=O)c1ccc(O)cc1O)c1cc2c(cc1)cccc2
448	S(=O)(=O)(N)c1ccc(cc1)CCNC(=S)Nc1ccccc1
449	S(C)C=1NC(=O)[C@@H](C(OC)=O)[C@H](C=1C#N)c1ccccc1C
450	FC(F)(F)COc1ccc(OCC(F)(F)F)cc1
451	O1c2c(ccc(OC(C(=O)NC3CCCCCC3)C)c2)C(=CC1=O)C
452	s1c2cc(ccc2nc1NC(=O)c1occc1)C
453	Brc1ccc(N2C(=O)[C@H](NCc3occc3)CC2=O)cc1
454	S=C1NC(=O)C(OC2=NNC(=O)C=C2)=C(N1)C
455	Fc1ccc(NC(=O)[C@@H](Oc2ccccc2)CC)cc1[N+](=O)

	[O-]
456	Brc1cc2c(ncnc2N[C@H](C(C)C)C(=O)[O-])cc1
457	Brc1c(nc(nc1OC)N(C(=O)C)CC=C)C
458	S=C(Nc1cc(ccc1)C(OC)=O)NNC
459	Fc1cc(NC(=O)c2nccnc2)ccc1
460	N1c2c(N[C@@H](CC(C)=C)[C@@H]1CC(C)=C)cccc2
461	O=C(Nc1ccc(cc1)CCC)\C=C\C(=O)[O-]
462	O=C([O-])/C=C(\C=C\c1c2c([nH]c1)cccc2)/C
463	Clc1cc(Cl)ccc1O[C@@H](C(=O)NC1CCCC1)C
464	O(C)c1cc(ccc1OC)C=NN1CCN(CC1)c1ncccc1
465	O1C=C\C(=N/c2ccc(cc2C)C)\c2cc(ccc12)C
466	O=C1NC(=O)N(c2nc(n(c12)CCC(C)C)N(C)C)C
467	O(C)c1cc(ccc1OC)C(=O)NNC=1CC(CC(=O)C=1)(C)C
468	o1c2c(nc1-c1ccc(N)cc1)cc(cc2)CC
469	O(C(=O)CN1C(=O)c2c(cccc2)C1=O)c1ccccc1OC
470	O(C)c1ccc(cc1C)C[NH2+]C1C2CC3CC1CC(C2)C3
471	S=C1N[C@H](C=2CCc3c(cc(OC)cc3)C=2N1)c1ccc(F)cc1
472	Clc1c(cc(OCC(=O)Nc2sc(nn2)C)cc1C)C
473	Clc1ccccc1[C@@H]1NC(=O)Cc2cc(OC)c(OC)cc12
474	O(C)c1cc(OC)ccc1\C=N\CC1(CCCC1)c1ccccc1
475	O=C(N)c1n(ncc1\N=C\c1ccc([N+](=O)[O-])cc1)C
476	S(=O)(=O)(N)c1ccc(NC(=O)C=C(C)C)cc1
477	Fc1ccccc1CC(NC(=O)C)C(=O)[O-]
478	O(C)c1ccc(Nc2cc([nH+]c3c2cc(cc3)C(OC)=O)C)cc1
479	[NH+]1(CCN(N=Cc2ccc(cc2)C)CC1)Cc1ccccc1
480	O(CC(=O)NC(C)c1ccccc1)c1cc(C)c(cc1)C(C)C
481	O=C(NC1CCCCC1)N1c2c(cc(cc2)C)[C@@H](CC1(C)C)C
482	Clc1ccc(cc1)C(=O)Nc1cc2nc(oc2cc1)-c1ccccc1
483	O=C1N=C(NC(=C1)C)NCC[NH+](C)C
484	S(=O)(=O)(CC)c1cc(O)c(NC(=O)c2ccccc2)cc1
485	Clc1cc(NC(=O)COc2ccccc2C(C)(C)C)ccc1OC
486	O1c2c(C=C(C(Oc3ccccc3OCC)=O)C1=O)cccc2
487	S(=O)(=O)(Nc1ccc(cc1)C(OC)=O)\C=C\c1ccccc1
488	O=C1C[C@@]2(CC[C@@]1(C)C2(C)C)C(=O)NCC
489	O(CC(=O)Nc1ccc(OC(C)C)cc1)c1ccccc1[N+](=O)[O-]
490	Clc1ccc(cc1)C(=NNC(=O)COc1ccc(cc1)C)C
491	FC(F)(F)c1nc2c(n1CC(OCC)=O)cccc2
492	FC1=CN(CCC(=O)[O-])C(=O)NC1=O
493	S(CC(=O)Nc1c2c(ccc1)cccc2)c1n2c(nn1)C=CC=C2
494	S=C(Nc1cc(cc(c1)C)C)N
495	Clc1ccccc1[C@H]1NC(=O)N(C)C(C)=C1C(OCC)=O
496	S(=O)(CCC(=O)[O-])c1ccccc1C(=O)[O-]
497	Clc1ccc(N2CC[NH+](CC2)C2C3CC4CC2CC(C3)C4)cc1
498	O(C)c1cc(OC)ccc1CN1CCN(CC1)C(=O)c1cccnc1
499	Clc1cc(NS(=O)(=O)c2ccccc2C)cc(Cl)c1[O-]
500	Clc1cc2sc(nc2cc1)NN
501	Clc1cc2nccc(OC(=O)N3CCOCC3)c2cc1
502	Fc1cc(ccc1)CC[NH2+][C@@H]1CC(=O)N(C1=O)c1ccc(cc1)C
503	S=C1NC(=O)/C(/N1)=C\c1ccc(cc1)CC
504	Brc1ccc(cc1)-c1oc(SC)nn1
505	S(CC(=O)c1ccc([N+](=O)[O-])cc1)c1oc(nn1)-c1ccncc1
506	Clc1cc(ccc1Cl)-c1nc(sc1)NC(=O)C1CC1
507	ClC(=CCSc1nc2N(C)C(=O)NC(=O)c2n1C)C
508	O1C[C@H]1CN1C(=O)c2c(cc3c(c2)C(=O)N(C[C@H]2OC2)C3=O)C1=O
509	S1c2c(N=C(C[C@H]1c1ccc(OC)cc1)c1ccccc1)cccc2
510	S=C1NN=C(N1N=C(C)c1ccc(F)cc1)CC
511	O=C1NC(C)=C(C(=O)C)C([C@H]1C#N)c1cc([N+](=O)[O-])ccc1
512	O(CC(=O)Nc1cc(O)ccc1)c1ccc(cc1)C
513	O=C(NC1(CCCC1)CCC)c1ccccc1
514	O=C1NC(=O)N(c2nc(n(c12)CCC(C)C)N1CC[NH2+]CC1)C
515	Fc1cc2cc([nH]c2cc1)C(=O)N
516	S(C)C=1NC(=O)[C@H](C(OC)=O)[C@@H](C=1C#N)c1ccccc1OC
517	O(C)c1ccc(cc1)C=1C(C#N)=C(n2c(nc3c2cccc3)C=1C#N)N
518	o1c2cc(ccc2nc1-c1cc(N)cc(N)c1)C
519	Fc1ccc(cc1)-c1c2C[C@H](CCc2nc(N)c1C#N)C
520	O1C=C\C(=N/c2ccccc2)\c2cc(ccc12)C
521	O=C1N(C)C(=NN=C1)NCC[NH+](C)C
522	Clc1ccc(S(=O)(=O)Nc2ccccc2CO)cc1
523	Clc1ccc(cc1)C=NN1C(=O)c2c(cccc2)C1=O
524	[nH]1c2c(cccc2)c(-c2c3c(ncc2)cccc3)c1C
525	O(C)c1ccccc1-n1cnc(N)c1C(OC)=O
526	Clc1ccc(NC(=O)CCC(=O)Nc2ccc(Cl)cc2)cc1
527	[nH]1nc(C)c(-c2c(n[nH]c2C)C)c1C
528	Clc1cc(ccc1)C=NNC(=O)c1nc2n(n1)C(=CC(=N2)C)C
529	O=C(NN=C(C)c1cc(N)ccc1)c1cc([N+](=O)[O-])ccc1
530	S=C(NC(=O)c1ccccc1)[N-]c1ccccc1C(=O)N
531	Brc1cc(ccc1OC)C[NH2+]Cc1ccccc1OC
532	Clc1cc(NC(=O)c2nsnc2)c(OC)cc1OC
533	Clc1ccccc1NCN1C(=O)[C@H]2[C@@H](CC=CC2)C1=O
534	Clc1ccccc1-c1nnc(SCc2ccccc2F)n1N
535	s1c2C[C@@H](CCc2c2c1N=CN(CC(=O)N(CC)CC)C2=O)C
536	Clc1cc(NC(=O)\C(=C\c2oc(cc2)C)\C#N)ccc1
537	Clc1cc(cc(Cl)c1)C(=O)Nc1sc2c(n1)c(ccc2)C
538	O(C(=O)c1nc(NC[C@@H](O)C)c2c(n1)cccc2)CC
539	o1c(ccc1C)[C@H]1NC(=O)NC(C)=C1C(OC(C)C)=O
540	Clc1ccc(S(=O)(=O)Nc2cc(ccc2)CC)cc1
541	s1c(C(OCC)=O)c(nc1NC(=O)C=Cc1occc1)C
542	O(CC)c1ccc(N2C(=O)[C@H]3[C@H]([C@@H]4C=C[C@H]3C4)C2=O)cc1
543	s1cc(c2c1N=CN([C@@H](C(=O)[O-])C)C2=O)-c1ccccc1
544	s1c2N=CNC(=O)c2c(C)c1C(OCc1ccccc1)=O
545	Clc1cc(Cl)ccc1OCC(=O)Nc1nn(nn1)CC
546	Clc1cc(-c2onc(n2)-c2ccccc2C)c(OC)cc1
547	s1c(nnc1Nc1ccc(cc1)C(=O)C)-c1ccncc1
548	O(C)c1ccccc1NCC(=O)NN=C1CCCC1
549	Fc1cc2c(N(C=C(C(=O)[O-])C2=O)C2CC2)c(OC)c1N1C[C@H]([NH2+]CC1)C
550	O(C)c1cc(OC)c(O)cc1C=C[N+](=O)[O-]
551	S=C(NC(=O)c1c(OC)cccc1OC)[N-]c1ccccc1
552	Fc1cc(F)ccc1NC(=O)NCc1cccnc1
553	S=C(NC(=O)CCC)[N-]c1ccc(cc1)-c1oc2cccnc2n1
554	O(C(=O)/C(=C/c1c2c(n(c1)C)cccc2)/C#N)C
555	Clc1cc(ccc1Cl)C(=O)Nc1c2c(nccc2)ccc1
556	O=C1Nc2c(N[C@H]1CC(=O)Nc1c3c(ccc1)cccc3)cccc2

557	S(=O)(=O)(Nc1ccc(cc1)C(=O)Nc1ccccc1C)C
558	Clc1cc(Cl)ccc1COc1ccc(cc1)C(=O)CC
559	Brc1ccc(SCC(=O)N2CCC(CC2)C)cc1
560	O(C(C)C)c1ccccc1C=NNC(=O)c1cc(NC(=O)C)ccc1
561	O(C)c1ccc(OC)cc1C=NNC(=O)c1cc(NC(=O)C)ccc1
562	Clc1cccc(NC(=S)Nc2ccc(N(CC)CC)cc2)c1C
563	S=C(Nc1cc(ccc1)C(=O)C)N(Cc1cn(nc1C)CC)C
564	o1c(ccc1C)C=C(C#N)c1ccc(cc1)C
565	O=C(Nc1cc(ccc1C)C)C=Cc1ccc(cc1)C
566	o1cccc1C(=O)Nc1cc(NC(=O)CCC)c(OC)cc1
567	S(Cc1ccc(cc1)C(=O)NC1CCCC1)c1ccc(cc1)C
568	Clc1c2nc(sc2ccc1)NC(=O)c1oc2c(c1)cccc2
569	Clc1ccccc1-c1oc(nn1)C
570	s1c(N2C(=O)[C@H]3[C@H]([C@@H]4C=C[C@H]3C4)C2=O)c(cc1C)C(OCC)=O
571	S(=O)(=O)(Nc1ccccc1C(=O)N)c1ccc(cc1)C
572	Clc1ccccc1OCC(=O)NN=Cc1ccccc1OC
573	O1CCN(CC1)c1ccc(NC(=O)CC(C)C)cc1
574	O(CC(=O)NC(C)(C)C)c1ccc(cc1C)C
575	O1CCC[C@H]1CNc1nc(nc2c1cccc2)Nc1cc(cc(c1)C)C
576	O(C(=O)[C@@H](C(=O)Nc1nccn1)C1CCCCCC1)C
577	O1c2cc(C=C(C#N)c3ccc(cc3)C)c(OC)cc2OC1
578	Clc1cc2nc(sc2cc1OC)NC(=O)c1ccc(cc1)CC
579	S=C(NC(=O)c1ccc(cc1C)C)[N-]c1ccccc1
580	O=C/1N(c2c(cccc2)\C\1=C/c1cc([nH]c1C)C)c1ccccc1
581	S=C(NC1CC1)NCc1cc(OC)ccc1
582	s1c2N3C(=NNC3=S)N(CC=C)C(=O)c2c(C)c1C
583	S(=O)(=O)(N1CCCCC1)c1c2c(ccc1)cccc2
584	Fc1ccccc1[C@@H]1Nc2c(cccc2)C(=O)N1Cc1occc1
585	Clc1cc(ccc1Cl)CN(S(=O)(=O)C)c1ccccc1
586	O=Cc1c2c(n(c1)CC(=O)N1CCc3c(C1)cccc3)cccc2
587	s1cccc1C(=O)Nc1cc2nc(oc2cc1)-c1cc(C)c(cc1)C
588	Fc1ccc(cc1)CNC(=O)[C@H](Oc1ccccc1)CC
589	O1CCC[C@@H]1[C@@H](NC(=O)Nc1ccc(cc1)C(OCC)=O)C
590	s1c2cc(OC)ccc2nc1NC(=O)c1ccc(cc1C)C
591	S=C(NC(=O)C(C)(C)C)[N-]c1ccc(cc1)-c1oc(cc1)CO
592	Fc1cc(NC(=O)Nc2ccc(OCC)cc2)ccc1C
593	FC(F)C=1n2ncc(c2N=C(C=1)C)C(=O)Nc1ccc(cc1C)C
594	O(C)c1ccc(cc1)CC(=O)NN=Cc1cccnc1
595	o1cccc1C(=O)Nc1c2c(ccc1)C(=O)N(C2=O)c1ccccc1
596	S(CC(=O)Nc1ccc(F)cc1)c1nc(c2CCCCc2n1)C
597	S=C(NC1C2CC3CC1CC(C2)C3)NC(=O)c1cc(OC)ccc1
598	O1C([O-])=C(CC=2C(=O)C=C(OC=2O)C)C(=O)C=C1C
599	s1c2CCCCc2nc1NC(=O)CSCc1ccccc1
600	Clc1ccc(Cl)cc1C(=O)Nc1ccc(cc1)C(=O)N
601	Clc1ccc(cc1)C(=O)NNC(=O)c1ccc(OCC(C)C)cc1
602	o1cccc1\C=C\C(=O)Nc1cc(ccc1OC)C
603	S=C(NC1CCCC1)N[C@@H](C)c1cc(OC)c(OC)cc1
604	O=C(Nc1cc(NC(=O)CC)ccc1)c1cccc([N+](=O)[O-])c1C
605	Clc1cc(Cl)ccc1COc1ccc(cc1OCC)C[NH3+]
606	Clc1cc(C)c(S(=O)(=O)N2C[C@H](CCC2)C)cc1C
607	O(CC(=O)N1CCCC1)c1c2c(ccc1)cccc2
608	S(Cc1ccc(cc1)C(C)(C)C)c1nnnn1C1CCCCC1
609	O=C(NN=Cc1ccc(N(CC)CC)cc1)Cn1cc[nH+]c1C
610	O=C(NN=Cc1cc(ccc1)C)c1ccccc1C(=O)[O-]
611	S(Cc1oc2c(cc(OC)cc2)c1C(OCC)=O)c1ccccc1
612	O(C)c1ccccc1CNc1nc2c(n1C(C)C)cccc2
613	n1cnc2n(ncc2c1NCc1ccccc1)-c1cc(ccc1)C
614	O=C(NCC(C)C)C=Cc1ccc(cc1)C
615	o1c(ccc1COc1ccc(cc1)CCC)C(OC)=O
616	O(C)c1ccc(cc1)[C@H](NC(=O)[C@H](C)c1ccccc1)C
617	s1c2c(nc1NC(=O)c1oc([N+](=O)[O-])cc1)c(OC)cc(OC)c2
618	S(CC(=O)Nc1ccccc1C)CC(=O)Nc1ccc(cc1)CC
619	Clc1ccc([N-]C(=S)NC(=O)c2cc(ccc2)C)cc1C(=O)[O-]
620	O=C(CC(=O)Nc1ccc(N(C)C)cc1)C
621	O([C@H](CC)C(=O)Nc1ccccc1C)c1ccccc1
622	Clc1ccccc1C(=O)Nc1cc(NC(=O)C(C)C)ccc1
623	O=C(N)c1cc(N)c(N2CCC(CC2)C)cc1
624	s1c2cc(NC(=O)C)ccc2nc1NC(=O)c1ccc(cc1)CC
625	Clc1cc([N-]C(=S)NC(=O)c2ccc(cc2C)C)ccc1
626	Clc1cccc(NC(=O)CCC)c1N1CCOCC1
627	Clc1cccc(F)c1CC(=O)Nc1cc(Cl)c(Cl)cc1
628	o1cccc1CNC(=O)[C@H](C#N)c1ccccc1
629	o1c(C)c(cc1C)C=C(C#N)C#N
630	O=C(NN=Cc1ccc(cc1)C#N)CNc1ccc(cc1C)C
631	o1c(ccc1C)C(=O)C[C@@]1(O)c2c(N(CCC)C1=O)cccc2
632	Clc1cc(ccc1C(=O)NNC(=O)c1ccncc1)C
633	Fc1ccc([N+](=O)[O-])cc1NC(=O)c1ccc(cc1)-c1ccccc1
634	S1C(=Cc2cccnc2)C(=O)N=C1Nc1ccccc1C
635	Clc1ccc(cc1)C(=O)Nc1ccc(N)cc1OC
636	Clc1cc(ccc1Cl)C(OCc1cc(ccc1)C(OC)=O)=O
637	s1cccc1S(=O)(=O)NC(=S)NC1CCCCC1
638	O=C/1N(c2c(cccc2)\C\1=C/c1ccc(N(C)C)cc1)c1ccccc1
639	O(CC(=O)NN=Cc1cc(ccc1)C)c1cc2c(cc1)cccc2
640	O(CC)C(=O)/C(=C/c1cc2c(cc1)cccc2)/C#N
641	S(Cc1ccccc1C)CC(=O)[O-]
642	S(=O)(=O)(N1CCC(CC1)C(=O)NN)c1c(cc(cc1C)C)C
643	S=C1NC(C(C(=O)C)=C(N1)C)c1cc(OCC)c(O)cc1
644	O=C(NC(C)c1[nH]c2c(n1)cccc2)C1CC1
645	S(C)c1nnc(n1C)COc1c2nc(ccc2ccc1)C
646	S=C(NCc1ncccc1)NCCc1cc(OC)c(OC)cc1
647	Clc1cc(Cl)ccc1NC(=O)Nc1nccc(c1)C
648	S1c2n(N=C1c1ccc(NC(=O)Cc3ccccc3)cc1)c(nn2)C
649	S(CC(=O)NC1CCCC1)c1nnc(n1C)C1CCCCC1
650	Fc1ccccc1C(=O)N(CC1=Cc2cc(ccc2NC1=O)C)CC
651	O=C1N(C)C(=O)N(c2n(cnc12)CC(=O)Nc1nccc(c1)C)C
652	S(CC(=O)NC(C)C)c1nnc(n1C1CCCCC1)C
653	O(Cc1ccccc1)c1ccc(NC(=O)Nc2ccc(OC)cc2)cc1
654	s1c2c(nc1SCC(=O)N(CC)c1ccccc1)cccc2
655	Brc1ccc(NC(=O)c2noc(c2)-c2ccccc2)cc1
656	Brc1cc(NC(=O)CC)ccc1OC
657	o1cccc1\C=C\C(=O)Nc1cc(ccc1)C
658	Clc1ccc(cc1)C=[N+]([O-])c1ccc(cc1)C
659	S=C(Nc1cc(ccc1)C)NNC(=S)NCc1ccccc1
660	Fc1cc2c3N([C@H](CCc3c1)C)C(O)=C(C(=O)NCC[NH+](C)C)C2=O
661	O(CC(=O)Nc1cccc(C)c1C)c1c(cccc1C)C
662	Clc1ccccc1NC(=O)[C@@H](Oc1cc(Cl)ccc1)C
663	Fc1ccc(cc1)\C=N\c1ccc(cc1)C(=O)[O-]
664	O(CC)c1ccccc1C=NNC(=O)c1cc(NC(=O)C)ccc1
665	O(C)c1cc(OC)c([N+](=O)[O-])cc1\C=C(/C#N)\c1ccc(cc1)C#N
666	S(=O)(=O)(Nc1cc(O)c(cc1)C(=O)[O-])c1ccc(F)cc1

667	O(C)c1ccccc1NCC(=O)NN=Cc1cc(OC)c(OC)cc1
668	O=C(C)c1cc(NC(=O)Nc2cn(nc2C(=O)N)CC)ccc1
669	Clc1ccccc1OCC(=O)NN=Cc1cc(OC)ccc1
670	Clc1cc(Cl)ccc1C(=O)Nc1ccc(N)cc1C
671	o1c(C)c(cc1C(OC)=O)CC(=O)c1c(O)cc(O)cc1O
672	s1c2CCCCc2c2c1nc(SC)nc2N1CCCC1
673	O(C)c1c(OC)c(OC)ccc1C=CC(=O)N1CCCC1
674	Clc1cc2NC(=O)/C(/c2cc1)=C/c1cc(n(c1C)-c1ccccc1)C
675	Clc1ccc(OCC(=O)NN=Cc2cc(O)c(OC)cc2)cc1
676	Clc1ccccc1C=CC(=O)N1CCN(CC1)c1ccccc1
677	Fc1ccc(cc1)COc1cc(ccc1)C[NH2+]C1CCCC1
678	S(=O)(=O)(n1c2cc(C)c(cc2nc1)C)N1CCOCC1
679	O=C1N(C)C(=O)N(c2n(cnc12)CC(=O)NC1CCCCCC1)C
680	Clc1cccc(F)c1COc1ccc(NC(=O)C)cc1
681	O(CC(=O)NNC(=O)c1n[nH]c(c1C)c1cc(ccc1)C
682	n1c2c(n([C@@H](CC)C)c1CC)cccc2
683	Brc1ccc(cc1)C[NH2+]CC(C)C
684	Fc1cc(F)ccc1\N=C\c1cc(oc1C)C
685	S(=O)(=O)(N1CCCCC1)c1ccc(\N=C\c2oc(cc2)C)cc1
686	s1cccc1CC(=O)NN=Cc1cc(OC)c(OC)cc1
687	O=C(Nc1ccc(cc1)C)C(=Cc1ccc(cc1)C#N)C#N
688	O(C(=O)c1ccccc1)c1ccc(cc1)-c1nc2n(c1)C=CC=C2
689	O1c2cc(\C=C(/C#N)\c3ccc(cc3)C)c(OC)cc2OC1
690	s1c(ccc1C)C=NNC(=O)CNc1ccccc1C
691	s1cccc1-c1n(C(C)C)c(cc1)CCC(=O)[O-]
692	O1c2cc(C=NNC(=O)c3cccnc3)c([N+](=O)[O-])cc2OC1
693	S(CC(=O)Nc1cc(F)ccc1)c1ccccc1
694	Clc1cccc(F)c1Cn1c2c(nc1C(O)C)cccc2
695	Clc1cc(ccc1C(=O)N1CCN(CC1)c1cc(Cl)ccc1)C
696	O=C1CC(Cc2nc(ncc12)NC(=O)Nc1ccccc1)(C)C
697	Clc1cc(C(=O)Nc2ccccc2C)c(O)cc1
698	Brc1ccc(OCC(=O)N2CCc3c2cccc3)cc1C
699	Clc1ccc(Cl)cc1C(=O)Nc1ccccc1C(F)(F)F
700	S(=O)([O-])(=Nc1cc(ccc1)C(=O)C)c1cc(ccc1OC)C
701	Clc1ccc(Cl)cc1C(=O)NC
702	O(C)c1c2c(C[C@H]3N(C2)CCc2cc(OC)c(OC)cc23)ccc1OC
703	Brc1ccc(OCC(=O)N2CCN(CC2)C=O)cc1C
704	Brc1c2c(ccc1)c(ccc2)C(=O)[N-]c1nn(nn1)CC
705	Clc1cc2nc(sc2cc1OC)NC(=O)c1sccc1
706	S(\C(=C\c1ccc(OCC(C)C)cc1)\C(=O)[O-])c1nc([nH]n1)C
707	s1c2nc(nc(N[C@H]([C@H](CC)C)C(=O)[O-])c2cc1CC)C
708	Clc1ccc(cc1NC(=O)Cc1ccc(cc1)C)C(F)(F)F
709	Clc1ccc(Cl)cc1\N=C\c1ccc(F)cc1
710	Clc1ccc(Cl)cc1-c1onc(n1)-c1ccc(cc1)C
711	n1c2c(n(CC)c1-c1ccc(cc1)C)cccc2
712	S=C(NC[C@@H]1OCCC1)N[C@H](C)c1cc(OC)ccc1OC
713	S=C(Nc1cc(OC)c(OC)cc1)NCCc1ccc(F)cc1
714	s1cccc1C=NNC(=O)c1ccccc1C
715	Fc1ccccc1CNC(=O)Nc1cc2OCOc2cc1
716	Clc1ccccc1OCC(=O)NN=Cc1cc(OC)c(OC)cc1
717	S=C(NC1C2CC3CC1CC(C2)C3)NC(=O)c1ccc(cc1C)C
718	Oc1ccc(\N=C\c2n(ccc2)-c2cc3c(cc2)cccc3)cc1
719	Brc1ccc(NC(=O)CC2(CCCC2)CC(=O)[O-])cc1
720	s1ccc(C)c1CNc1cc2OCOc2cc1
721	O[C@@H](C)c1nc2c(n1Cc1ccc(cc1)C(C)C)cccc2
722	FC(F)(F)[C@]1(O)N(N=C(C1)CC)C(=O)[C@H](O)c1ccccc1
723	Fc1c(Oc2cc(O)ccc2)c(F)c(F)nc1N1CCCCC1
724	O=C(Nc1c(cc(cc1C)C)C)\C=C\c1ccccc1
725	O=C(Nc1c2ncccc2ccc1)c1ccc(cc1)C
726	n1c2cc(\N=C\c3ccccc3)ccc2n(c1)C1CCCCC1
727	s1c(nnc1SCC(=O)NCc1ccc(cc1)C)NC(=O)C
728	S(=O)(=O)(N[C@@H](C(=O)NCc1ccccc1OC)C)c1ccccc1
729	Fc1cc2c3ncnc(N4CC[NH+](CC4)CCO)c3[nH]c2cc1
730	S=C1NN=C(N1N=Cc1ccc(OC)cc1)c1ncccc1
731	O(CC(=O)Nc1c(cc(cc1C)C)C)c1ccc(cc1)-c1ccccc1
732	Clc1cc(ccc1)C(=O)Nc1ccc(N2CC[NH+](CC2)C)cc1
733	O=C(Cn1cc(c2c1cccc2)C=O)c1cc([N+](=O)[O-])ccc1
734	S(C(=Cc1cc(O)c(OC)cc1)C(=O)[O-])c1nc([nH]n1)C
735	O1[C@H](CN(C[C@@H]1C)C(=O)Nc1ccc(cc1)C(OCC)=O)C
736	O(CC(=O)NC(C)(C)C)c1ccc(cc1)CNc1nn[nH]n1
737	Brc1ccc(OCC(=O)Nc2ccc(cc2)CC)cc1C
738	O1CCOc2c1cc(NC(=O)[C@H](Oc1ccccc1)CC)cc2
739	O[C@@H](Cn1c2CCCCc2c2cc(ccc12)C)C[NH2+]Cc1ccccc1
740	s1ccc(NC(=O)Nc2cc(OC)c(OC)cc2)c1C(OC)=O
741	Fc1cccc(F)c1NC(=O)\C=C\c1occc1
742	s1c(nnc1SCC(=O)Nc1cc(ccc1F)C)C
743	s1ccc(C)c1C=NN1C(=NNC1=S)c1cc(OC)ccc1
744	o1cccc1\C=C\C(=O)Nc1ccc(cc1)CC
745	s1c2C[C@@H](CCc2c2c1NC(NC2=O)c1ccc(OC)cc1)C
746	Brc1ccc(-n2c3CC(CC(=O)c3cc2C)(C)C)cc1
747	O(C)c1ccccc1NCC(=O)NN=Cc1cc2c(cc1)cccc2
748	S(=O)(=O)(N1[C@@H](CCC1=O)C(=O)N)c1ccc(cc1)C
749	O(Cc1c2c(ccc1)cccc2)c1ccc(cc1OC)C=NNC(=O)N
750	s1cccc1CC(=O)NN=C(Cc1ccc(OC)cc1)C
751	S(Cc1ccc(cc1)C#N)c1nnc(n1CC)-c1ccncc1
752	Clc1ccc(OCC(=O)c2cc3CCCCc3cc2)cc1
753	s1c2cc(NC(=O)C)ccc2nc1[N-]C(=S)NC(=O)CCC
754	O=C(NN=C1CCCC1)CNc1ccccc1C
755	ClC=1C[C@@H]2[C@@H](CC=1)C(=O)N(c1[nH]ncc1)C2=O
756	O=C([O-])c1cc(N2Cc3cc(C)c(cc3C2)C)ccc1
757	O(CC(=O)N)c1ccc(cc1)C=NNC(=O)c1cc(N(C)C)ccc1
758	S1c2n(ncn2)C(=O)[C@@H]1CC(=O)Nc1ccc(OC)cc1
759	O(C(C)C)c1ccc(cc1)C(=O)Nc1ccc(NC(=O)CC)cc1
760	O(C)c1c(OC)c(OC)ccc1C=CC(=O)Nc1cc(ccc1C)C
761	FC(F)Oc1ccccc1NC(=O)c1ccc(cc1)-c1ccccc1
762	Clc1ccccc1C=CC(=O)N1CCC(CC1)C(OCC)=O
763	S([C@H](C(=O)N1CCN(CC1)c1ccccc1)C)c1ccc(cc1)C
764	Clc1cc2c(OC(=O)C=C2C)cc1OCc1cc(cc(c1)C)C
765	o1c(C)c(cc1C)\C=C(/C#N)\c1ccccc1
766	s1cccc1C(=NNC(=O)CSc1nc2c(n1C)cccc2)C
767	Clc1cc(N2C(c3cc(OCC)ccc3NC2=O)=C)ccc1
768	S=C(Nc1ccc(cc1)[C@H](CC)C)[N-]c1cn(nc1C(=O)N)CC
769	O1c2cc(ccc2OC1)C(=O)Nc1c2c3c(CCc3ccc2)cc1
770	S(=O)(=O)(N1CCCC1)c1ccc(NC(=O)c2ccccc2)cc1
771	O=C(Nc1ccccc1[C@@H](CC)C)c1cc(cc(c1)C)C

772	O(C)c1cc2c(nc(nc2C)NC=2NC(=O)[C@@H](N=2)CC(=O)[O-])cc1
773	O1C(C)=C(C(=O)Nc2ccc(OCC)cc2)C(=CC1=O)C
774	Fc1ccc(cc1)-c1n(CC(C)C)c(cc1)CCC(=O)[O-]
775	O(C(=O)\C=C\c1ccccc1)c1cc(C)c(cc1)C
776	s1nc2c(n1)cccc2NC(=O)c1c(noc1C)-c1ccccc1
777	O1CCC[C@H]1CNC(=O)c1cc(NC(=O)C(CC)CC)ccc1
778	o1c(nc(C#N)c1N1CCCCCC1)-c1ccc(cc1)C
779	S=C(NC(=O)C=Cc1ccc(OC)cc1)[N-]c1ccc(cc1O)C
780	Clc1cc(O[C@H](C(=O)NCCc2ccccc2)C)ccc1
781	S=C(Nc1ccc(N(CC)CC)cc1)NCc1ccc(F)cc1
782	O1C=C(CCC1)C[NH+]1CC2=C(NC(=NC2=O)N)CC1
783	Clc1sc(cn1)CN1CCc2nc(ncc2C1)-c1ccccc1
784	Brc1cncc([N+](=O)[O-])c1NC(C)C
785	S(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1cc(C)c(F)nc1
786	O=C1N=C(NC2=C1CN(CC2)Cc1[nH]c(cn1)C)C
787	O(CC)c1cc(ccc1)-c1ncc(cc1)CN1CC2=C(NC(=NC2=O)C2CCCCC2)CC1
788	O(CC(O)C[NH2+]C(C)C)c1ccc(cc1OC)C[NH2+]C(C)(C)C
789	O(C)c1cc(ccc1OC)-c1nn(c2ncnc(N)c12)C[C@@H](CO)C
790	[NH+]1(CCc2nc(ncc2C1)-c1ccc(N)cc1)Cc1n(ccc1)-c1cc(ccc1)C#N
791	O=C1N=C(NC2=C1C[NH+](CC2)Cc1cccc(C)c1C)C1=NCCCC1
792	Clc1cc(ccc1Cl)Cn1cccc1CN1CC2=C(NC(=NC2=O)C(C)(C)C)CC1
793	s1c2ncccc2c(-c2cc(F)ccc2)c1S(=O)(=O)c1cc(F)c(OC)cc1
794	O1c2c(cccc2)C(=O)C(CN2CCc3nc(ncc3C2)C)=C1N
795	O=C1N=C(NC2=C1CN(CC2)Cc1cnn(c1C)-c1ccccc1C)c1ccncc1
796	S(C)C1=NC(=O)C2=C(N1)CC[NH+](C2)Cc1c2cc(ccc2nc2c1cccc2)C
797	O(C)c1n(nc(C)c1CN1CCc2nc(ncc2C1)C1CC1)C
798	Clc1ccc(Cl)cc1-c1oc(cc1)CN1CC2=C(NC(=NC2=O)C(C)C)CC1
799	S(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1c(n[nH]c1C)C
800	FC(F)(F)c1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1c2c([nH]c1)cccc2OCc1ccccc1
801	O=C([O-])C[C@H](C[C@H]([NH3+])C(=O)[O-])C(=O)[O-]
802	Clc1cc2c(OC(N)=C(CN3CCc4nc(ncc4C3)-c3ccc(cc3)C(F)(F)F)C2=O)cc1
803	Brc1cc(cnc1)C[NH+]1CC2=C(NC(=S)NC2=O)CC1
804	Clc1ccc(cc1)-c1nc(ccc1)CN1CC2=C(NC(=S)N=C2)CC1
805	O=C1N=C(NC2=C1CN(CC2)Cc1cccnc1NC(=O)C(C)(C)C)C1CC1
806	O(CC1CCN(C1)C(OC(C)(C)C)=O)c1cc(N(C)C)ccc1
807	s1cccc1-c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)-c1ccncc1
808	Clc1ccccc1-c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)-c1cccnc1
809	Brc1nc(ccc1)CN1CCc2nc(SC)ncc2C1
810	Clc1sc(cc1)CN1CCc2nc(ncc2C1)N
811	Clc1cccc(C)c1C[NH+]1C[C@@H](O)CCC1
812	O=C1N=C(NC2=C1C[NH+](CC2)Cc1[nH]c(cc1C)C)CCC
813	Clc1ccc(cc1-c1nc(Cl)ncc1)C(=O)C
814	Fc1ccc(cc1)C(OC(=O)c1ccc([N+](=O)[O-])cc1)C(=O)NCC(OCC)=O
815	S(=O)(=O)(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1n(nc(c1)C)C
816	O1CC(=Cc2c1cccc2)CN1CC2=C(NC(=NC2=O)c2ccccc2)CC1
817	Brc1cc(cc(Br)c1)-c1ncc(cc1)CN1CC2=C(NC(=NC2=O)C(C)C)CC1
818	Clc1cc(Cl)ccc1-c1oc(cc1)CN1CC2=C(NC(=NC2=O)c2ccccc2)CC1
819	O1CC[NH+](CC1)C1CCN(CC1)c1ccc(nc1)NC1=CC(=CN(C)C1=O)c1cccc(NC(=O)c2ccc(cc2)C(C)(C)C)c1C
820	Brc1c2c(sc1C[NH+]1CCc3nc(ncc3C1)-c1cccnc1)cccc2
821	FC(F)(F)c1ccc(cc1)C1=NC(=O)C2=C(N1)CCN(C2)Cc1nccnc1
822	s1cnc(C)c1C[NH+]1CCc2nc(ncc2C1)-c1ccc(cc1)C(F)(F)F
823	Fc1cc(F)ccc1-c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)N
824	Clc1ncc(Cl)cc1CN1CC2=C(NC(=NC2=O)CCC)CC1
825	Brc1cc2c([nH]cc2CN2CC3=C(NC(=NC3=O)C3=NCCCC3)CC2)cc1
826	S(=O)(=O)([O-])c1oc(cc1)CN1CCc2nc(ncc2C1)-c1cncnc1
827	o1c(ccc1C)-c1nn(cc1CN1CC2=C(NC(=NC2=O)c2ccc(N)cc2)CC1)-c1ccccc1
828	Brc1oc(cc1)CN1CC2=C(NC(=NC2=O)c2sccc2)CC1
829	o1nc(cc1-c1ccccc1)CN1CCc2nc(ncc2C1)C1CCCCC1
830	O(C)c1ccc(cc1)-c1nc(ccc1)CN1CC2=C(NC(=NC2=O)C2CC2)CC1
831	Fc1ccc(-n2nc(C)c(c2)C[NH+]2CCc3nc(ncc3C2)C2=NCCCC2)cc1
832	Oc1c2nc(ccc2ccc1)CN1CC2=C(NC(=NC2=O)c2cncnc2)CC1
833	S(c1oc(cc1)CN1CCc2nc(ncc2C1)C(F)(F)F)c1[nH]c2c(n1)cccc2
834	o1c(ccc1C[NH+]1CCc2nc(ncc2C1)-c1ccncc1)C1CC1C
835	s1cc(cc1)-c1oc(cc1)CN1CCc2nc(ncc2C1)C(C)C
836	s1cccc1-c1nc2CC[NH+](Cc2cn1)Cc1ccc(nc1)-c1cc(OC)c(OC)cc1
837	Clc1nc([nH]c1CN1CC2=C(NC(=NC2=O)c2ccc(Cl)cc2)CC1)CCCC
838	s1c(cnc1N)CN1CC2=C(NC(=NC2=O)c2cncnc2)CC1
839	O1c2cc(OC)ccc2C[C@H](O)C1c1cc([N+](=O)[O-])ccc1
840	ClC=1c2cc(Cl)ccc2OC(=O)C=1CN1CC2=C(NC(=NC2=O)c2ccc(cc2)C(F)(F)F)CC1
841	FC(F)(F)c1cc(ccc1)CNC(=O)C(=Cc1cc(O)c(O)cc1)C#N
842	FC(F)(F)c1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1c2cc(OC)ccc2n(c1)C
843	OC1CCC[NH+](C1)Cc1cccc(C)c1C
844	S(c1oc(cc1)CN1CCc2nc(ncc2C1)C1=NCCCC1)c1[nH]c2cc(ccc2n1)C
845	s1cnc(-c2ccccc2)c1C[NH+]1CCc2nc(ncc2C1)C1CCCCC1
846	Clc1cc(C)c(OC2C[NH2+]C2)cc1

847	Brc1ccc(cc1)-c1oc(cc1)CN1CC2=C(NC(=NC2=O)c2cncnc2)CC1
848	S(=O)(=O)(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1cccnc1OCC1CC1
849	[NH+]1(CCc2nc(ncc2C1)-c1ccncc1)Cc1[nH]cnc1
850	Clc1nc(N2CCN(CC2)C(=O)NC)ccn1
851	Clc1nc2c(cc1C[NH+]1CC3=C(NC(=S)NC3=O)CC1)cccc2C
852	O=[N+]([O-])c1cc(ccc1NCc1ccc([N+](=O)[O-])cc1)C#N
853	Clc1cc(ccc1C)-c1ncc(cn1)C(OCC)=O
854	Brc1cc2[nH]cc(c2cc1)C[NH+]1CC2=C(NC(SC)=NC2=O)CC1
855	FC(F)(F)c1ccccc1C1CCC[NH2+]C1
856	Fc1ccc(OC)cc1CN1C[C@H]([NH3+])CC1
857	S(C)c1[nH]c(c(n1)-c1cc(ncc1)NCC(CC)C)-c1ccc(F)cc1
858	Clc1cc(cnc1)CN1CC2=C(NC(=NC2=O)c2ccc(N)cc2)CC1
859	Clc1ccncc1CN1CCc2nc(ncc2C1)C1=NCCCC1
860	O(C)c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)-c1ccc(N)cc1
861	Fc1cc(cnc1OC)CN1CC2=C(NC(=NC2=O)c2occc2)CC1
862	Clc1nccc(c1)C(=O)NCc1ccccc1C
863	ClC=1c2c(OC(=O)C=1CN1CCc3nc(ncc3C1)-c1sccc1)cccc2
864	Fc1cc(ccc1)-c1[nH]ncc1CN1CC2=C(NC(=NC2=O)C(C)C)CC1
865	ClC=1c2cc(F)ccc2OCC=1CN1CCc2nc(ncc2C1)-c1ccncc1
866	O=[N+]([O-])c1cc([N+](=O)[O-])ccc1NCCC1CC[NH2+]CC1
867	S(C)c1nc2CCN(Cc2cn1)Cc1occn1
868	Clc1ncnc2nc([nH]c12)-c1sccc1
869	FC(F)(F)c1ccc(cc1)C1=NC(=O)C2=C(N1)CCN(C2)Cc1cnccc1C
870	[NH+]1(CCc2nc(ncc2C1)-c1ccncc1)Cc1cn[nH]c1
871	Fc1cc(C)c(cc1)C[NH+]1C[C@@H](O)CCC1
872	[Si](C(C)C)(C(C)C)(C(C)C)c1oc(cn1)CN1CCc2nc(ncc2C1)N
873	O=C1N=C(NC2=C1CN(CC2)Cc1[nH]c(cn1)C)N
874	[Si](C\C(=C/CC\C=C(/C[Si](C)(C)C)\C)\C)(C)(C)C
875	Fc1cccnc1CN1CCc2nc(ncc2C1)C1=NCCCC1
876	Clc1ncnc(c1)-c1ccc(OC(F)(F)F)cc1
877	s1ccc(C)c1C[NH+]1CC2=C(NC(=NC2=O)C(C)(C)C)CC1
878	S(C)C1=NC(=O)C2=C(N1)CC[NH+](C2)Cc1cc(n(c1C)-c1ccccc1)C
879	Brc1cc(F)c(OC2CN(C2)C(OC(C)(C)C)=O)cc1
880	FC(F)(F)Oc1ccc(cc1)-c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)-c1cccnc1
881	Fc1cc(CN2CCc3nc(ncc3C2)C(C)(C)C)c(OC)nc1
882	S(=O)(=O)([O-])c1oc(cc1)CN1CC2=C(NC(=NC2=O)C2CCCCC2)CC1
883	O(C)c1c2[C@H]3C=4C5=NC(C=4[C@@H](c2c(OC)cc1)CC3)=Cc1[nH]c(C=c2[nH]c(=CC3=NC(C=4[C@H]6c7c([C@@H](C3=4)CC6)c(OC)ccc7OC)=C5)c3[C@H]4c5c([C@H](CC4)c23)c(OC)ccc5OC)c2[C@H]3c4c([C@H](CC3)c12)c(OC)ccc4OC
884	S(C)c1nc2CC[NH+](Cc2cn1)Cc1[nH]c2c(c1)cccc2
885	Fc1ccc(cc1)-c1c(-c2ccc(F)cc2)c(n(C(C)C)c1CC[C@@H](O)C[C@@H](O)CC(=O)[O-])C(=O)Nc1ccccc1
886	Clc1ccc(cc1)C1=NC(=O)C2=C(N1)CC[NH+](C2)CC=1C2CC(CC=1)C2(C)C
887	FC(F)(F)c1cc([N+](=O)[O-])c(NCc2ccccc2C)cc1
888	Fc1cc\2c(NC(=O)/C/2=C\c2[nH]c(C)c(C(=O)N[C@H]3CCN(N(C)C)C34C(=O)C4=O)c2C)cc1
889	O=C1Nc2cc(\N=C/3\N=C(N4NC=C(CCCC1)C4=N\3)Nc1cc(ccc1)C(=O)N(CC[NH+](C)C)C)ccc2
890	O=C([O-])[C@@H]1CCC[NH+](C1)Cc1ccc(cc1)C
891	Fc1cc2[nH]cc(c2cc1)C[NH+]1CCc2nc(ncc2C1)-c1cccnc1
892	Clc1nc(ccc1)C(=O)NCc1cc([N+](=O)[O-])ccc1
893	FC(F)(F)c1nc2CC[NH+](Cc2cn1)Cc1c2c(n(c1)CC=C)cccc2
894	n1cnc2n(nc(c2c1N)-c1cc2c(cc1)cccc2)CC
895	Clc1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1c2c(ncc1)cccc2
896	Fc1c(cccc1O[C@H]1C[C@H](NC1)C(OC)=O)C(F)(F)F
897	Brc1cnccc1C[NH+]1CCc2nc(ncc2C1)-c1ccc(Cl)cc1
898	O1c2c(OCC1(OC)C=1NCCN=1)cccc2-c1ccccc1
899	S(=O)(=O)(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1c(cc(OC)cc1OC)C
900	[NH+]1(CCc2nc(ncc2C1)N)Cc1c2c(n(c1)CC=C)cccc2
901	O(\N=C/1\Cc2c(CC\1[NH3+])cccc2)CCCCc1ccccc1
902	FC(F)(F)c1ccc(cc1)C1=NC(=O)C2=C(N1)CCN(C2)Cc1nc2c(cc1)cccc2O
903	O=C1N=C(NC2=C1CN(CC2)Cc1[nH]c([nH+]c1)C)C1CC1
904	S(=O)(=O)(C)c1nc2CCN(Cc2cn1)CC=1COc2c(C=1)cccc2
905	S=C1NC(=O)C2=C(N1)CC[NH+](C2)Cc1c(n(nc1C)C)C
906	O=C1N=C(NC2=C1CN(CC2)Cc1nc2c(n1CCC)cccc2)C(C)C
907	[NH+]1(CCc2nc(ncc2C1)C1CCCCC1)Cc1nc2nccccc2cc1
908	OC[C@H](C[C@H]([NH3+])C(=O)[O-])C(=O)[O-]
909	s1c(C[NH+]2CCc3nc(ncc3C2)-c2ccc(N)cc2)c(nc1C)-c1ccccc1
910	s1c(ccc1C[NH+]1CC2=C(NC(=NC2=O)c2cncnc2)CC1)-c1ccccc1OC
911	O=C1N=C(NC2=C1CN(CC2)Cc1cn(nc1-c1ccncc1)-c1ccccc1)N
912	[nH]1c(C)c(nc1CN1CCc2nc(ncc2C1)C1=NCCCC1)C
913	o1cccc1-c1nc2CC[NH+](Cc2cn1)Cc1nc[nH]c1C
914	Clc1cccc(C[NH+]2CC(O)CCC2)c1F
915	[NH+]1(CCc2nc(ncc2C1)N)Cc1cncnc1
916	Oc1c(CN2CC3=C(NC(=NC3=O)C3CCCCC3)CC2)c(cnc1C)CO
917	O=[N+]([O-])c1cc(ccc1NCCC1CC[NH2+]CC1)C#N
918	S(CC)c1ccc(cc1)-c1ncc(cc1)CN1CC2=C(NC(=NC2=O)c2ccncc2)CC1
919	Clc1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1cn[nH]c1-c1ccc(OC)cc1
920	Fc1ncc(cc1)CN1CC2=C(NC(=NC2=O)CCC)CC1

921	FC(F)(F)c1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1cn(nc1C)C
922	Fc1ccc(cc1)-c1nc(C(=O)N([C@@H](C)c2ccccc2)C)c(n1CC[C@@H](O)C[C@@H](O)CC(=O)[O-])C(C)C
923	Clc1cc(ccc1Cl)-c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)CCC
924	S(=O)(=O)(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1ccc(F)nc1
925	Fc1ccccc1[C@H]([C@@H]([NH+](C)C)C1CCCCC1)CC[NH+]1CCN(CC1)c1ccccc1OC
926	S=C1NC(=O)C2=C(N1)CC[NH+](C2)Cc1oc(cc1)C
927	Clc1ccc(cc1)-c1sc(cn1)CN1CCc2nc(ncc2C1)C
928	s1cccc1-c1nn(cc1C[NH+]1CCc2nc(ncc2C1)C(F)(F)F)-c1ccccc1
929	O=C1N=C(NC2=C1CN(CC2)Cc1n[nH]c(c1)C)c1ccc(N)cc1
930	S=C1NC(=O)C2=C(N1)CC[NH+](C2)Cc1n(nc(c1)C)C
931	[nH]1c2cc(ccc2cc1)-c1nn(c2ncnc(N)c12)C
932	Fc1ccc(F)cc1N1N=C(C(=O)C)C(C1)(CCCN1[C@H]2C[C@H](OC2)C1)c1ccccc1
933	FC(F)(F)c1ccc(cc1)-c1nc2CCN(Cc2cn1)Cc1cccnc1OC
934	Clc1cc(cnc1OC)B(O)O
935	Fc1ccc(F)cc1C1=NN(C(=O)NCC)C(C1)(CCCCO)c1ccccc1
936	Clc1ccc(Cl)cc1-c1oc(cc1)C[NH+]1CCc2nc(ncc2C1)-c1cncnc1
937	Clc1cncc(Cl)c1C[NH+]1CCc2nc(ncc2C1)C(C)C
938	s1cccc1-c1[nH]ncc1C[NH+]1CCc2nc(ncc2C1)-c1sccc1
939	Brc1c2c(sc1C[NH+]1CCc3nc(ncc3C1)C1CC1)cccc2
940	Clc1ncc(cc1)C(=O)NCc1cccnc1
941	Clc1n(nc(C)c1C[NH+]1CCc2nc(ncc2C1)-c1sccc1)-c1ccccc1
942	S=C1NC2=C(CN(CC2)Cc2nc3ncccc3cc2)C=N1
943	O=C([O-])[C@H]1CCC[NH+](C1)Cc1cc([N+](=O)[O-])ccc1
944	O(C(C)(C)C)C(=O)Nc1nc(ccc1)C(O)c1ccccc1
945	Clc1cc(ccc1OC)-c1oc(cc1)CN1CC2=C(NC(=NC2=O)C2CCCCC2)CC1
946	Clc1nc2cc(ccc2cc1C[NH+]1CC2=C(NC(=NC2=O)CCC)CC1)C
947	FC(F)(F)c1ccc(cc1)C1=NC(=O)C2=C(N1)CCN(C2)Cc1cnn(CC)c1C
948	Brc1cc(sc1)CN1CCc2nc(ncc2C1)-c1occc1
949	Clc1nc(ncc1C(C)C)C(C)C
950	Clc1nc(ccn1)-c1ccc(cc1)C(C)(C)C
951	O=C1N=C(NC2=C1CN(CC2)Cc1nc(ccc1)-c1cc([N+](=O)[O-])ccc1)c1cccnc1
952	S(CC[C@H](NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@@H]([NH3+])CS)CCC[NH+]=C(N)N)[C@H](CC)C)CCC[NH+]=C(N)N)C(=O)N[C@H](C(=O)NC(C(=O)NCC(=O)N[C@H](C(=O)[O-])CS)C)CO)C
953	o1c(C)c(cc1CN1CCc2nc(ncc2C1)C(C)(C)C)C
954	Clc1ccc(cc1F)C[NH+]1CC(CCC1)C(=O)[O-]
955	S(C)c1nc2CC[NH+](Cc2cn1)Cc1[nH]c(cc1C)C
956	S=C1NC(=O)C2=C(N1)CC[NH+](C2)Cc1ccc(nc1)-c1ccccc1C(F)(F)F
957	o1c(ccc1C[NH+]1CCc2nc(ncc2C1)-c1cccnc1)-c1cc([N+](=O)[O-])ccc1
958	FC(F)(F)Oc1cc(ccc1)-c1ncc(cc1)C[NH+]1CCc2nc(ncc2C1)C1=NCCCC1
959	s1cccc1C1=NC(=O)C2=C(N1)CCN(C2)Cc1nc(sc1)C
960	Clc1cccc(F)c1CN1C[C@H]([NH3+])CC1
961	Brc1cnc(Cl)nc1Nc1ccc(OC)cc1
962	n1c2c(cc(cc2)-c2nn(c3ncnc(N)c23)C(C)C)ccc1N
963	Brc1cc2c(OC(=O)C(CN3CCc4nc(ncc4C3)CCC)=C2Cl)cc1
964	O(C)c1cc(cnc1)C[NH+]1CCc2nc(ncc2C1)N
965	O(c1ncccc1CN1CC2=C(NC(=NC2=O)c2cncnc2)CC1)C1CCCCC1
966	Clc1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1ccc(OC2CCCC2)nc1
967	o1c(ccc1C[NH+]1CC2=C(NC(=NC2=O)c2ccccc2)CC1)-c1ccccc1
968	O(CC1CC1)c1ncccc1CN1CCc2nc(ncc2C1)-c1ccc(N)cc1
969	Fc1ccccc1[C@H]([C@@H](NC(=O)N(C)C)C1CCCCC1)CC[NH+]1CCN(CC1)c1ccccc1OC
970	FC(F)(F)c1ccc(cc1)-c1nc2CC[NH+](Cc2cn1)Cc1ncn(c1)C
971	P(OC[C@H]1O[C@@H](n2c3ncnc(N)c3nc2)[C@H](O)[C@@H]1OC(=O)C/1=CCCC\C\1=N/C)(OP(OP(O)(=O)[O-])(=O)[O-])(=O)[O-]
972	S(C)C1=NC(=O)C2=C(N1)CCN(C2)Cc1c(noc1C)C
973	O=C1N=CC=C(NCc2ncccc2)C1c1[nH]c2c(n1)c(cc(-n1ccnc1)c2)C
974	Brc1cc(sc1)CN1CCc2nc(ncc2C1)-c1ccc(N)cc1
975	Fc1cc([N+](=O)[O-])c2OC=C(CN3CCc4nc(ncc4C3)-c3cncnc3)C(=O)c2c1
976	S(c1oc(cc1)CN1CCc2nc(ncc2C1)-c1occc1)c1[nH]c2cc(ccc2n1)C
977	O1[C@]2(O[C@@H](CC(=C2)C)[C@@H](\C=C\[C@@H]2O[C@@]3(O[C@@H]4[C@H](O[C@H]([C@@H](O)C[C@H](C)[C@H]5O[C@]6(OCCCC6)CC[C@H]5C)C(=C)[C@H]4O)CC3)CC2)C)[C@H](O)CC[C@H]1C[C@@](O)(C(=O)[O-])C
978	s1c2ncccc2cc1C[NH+]1CC2=C(NC(=NC2=O)c2ccccc2)CC1
979	Clc1cc(ccc1)C=1Nc2c(cc(OC)cc2)C(=O)C=1
980	Clc1ccc(cc1)-c1sc(cn1)C[NH+]1CC2=C(NC(=S)N=C2)CC1
981	Fc1ccc(cc1)-c1ccc(Oc2cc(C)c(\[NH+]=C\N(CC)C)cc2C)cc1
982	Clc1ncc(cc1)CN1CC2=C(NC(=NC2=O)C(F)(F)F)CC1