

Drug Name	Cluster ID	Old ATC	New ATC	Confidence	Algorithm
Allopurinol	5	M04	L01	0.15	CL1
Allopurinol	417	M04	L01	0.10	MCL
Amantadine	51	N04	N05	0.80	CL1
Amantadine	37	N04	N05	0.23	CL1
Amifostine	5	V03	L01	0.15	CL1
Amifostine	417	V03	L01	0.10	MCL
Amiloride	32	C03	C09	0.33	CL1
Amiloride	53	C03	C09	0.33	MCODE
Aminoglutethimide	52	L02	N04	0.25	MCODE
Aminoglutethimide	1	L02	A10	0.21	GSOM
Aminoglutethimide	30	L02	N03	0.17	CL1
Aminoglutethimide	30	L02	N04	0.17	CL1
Aminoglutethimide	16	L02	A10	0.12	CL1
Aminoglutethimide	16	L02	N03	0.12	CL1
Amiodarone	56	C01	N01	0.25	GSOM
Amiodarone	23	C01	N01	0.15	CL1
Amlodipine	403	C08	C09	0.85	MCL
Amlodipine	11	C08	C09	0.70	CL1
Apraclonidine	5	S01	L01	0.15	CL1
Apraclonidine	417	S01	L01	0.10	MCL
Aripiprazole	45	N05	N06	0.47	CL1
Aripiprazole	31	N05	N06	0.40	CL1
Aripiprazole	60	N05	A03	0.20	CL1
Aripiprazole	60	N05	C03	0.20	CL1
Aripiprazole	60	N05	G04	0.20	CL1
Aripiprazole	53	N05	A03	0.17	CL1
Aripiprazole	53	N05	C03	0.17	CL1
Aripiprazole	53	N05	G04	0.17	CL1
Atorvastatin	3	C10	N05	0.27	CL1
Atorvastatin	58	C10	N05	0.15	CL1
Atovaquone	24	P01	L01	0.25	MCODE
Atovaquone	5	P01	L01	0.15	CL1
Atropine	48	A03	N04	0.50	CL1
Atropine	48	S01	N04	0.50	CL1
Atropine	393	A03	N04	0.50	MCL
Atropine	20	A03	N04	0.46	GSOM
Atropine	20	S01	N04	0.46	GSOM
Azelastine	33	S01	A10	0.25	MCODE
Azelastine	28	S01	A10	0.13	CL1
Brinzolamide	48	S01	L02	0.67	MCODE
Brinzolamide	9	S01	L02	0.17	CL1
Bromocriptine	61	N04	N05	0.27	CL1
Bromocriptine	0	N04	N05	0.07	MCODE
Bumetanide	28	C03	A10	0.13	CL1
Bumetanide	28	C03	N03	0.13	CL1
Bumetanide	16	C03	A10	0.12	CL1
Bumetanide	16	C03	N03	0.12	CL1
Caffeine	86	N06	C04	0.20	GSOM
Caffeine	86	N06	N07	0.20	GSOM

Caffeine	86 N06	S01	0.20 GSOM
Caffeine	8 N06	C04	0.11 MCODE
Caffeine	8 N06	N07	0.11 MCODE
Caffeine	8 N06	S01	0.11 MCODE
Capecitabine	3 L01	N05	0.27 CL1
Capecitabine	0 L01	N05	0.07 MCODE
Carbachol	86 N07	C04	0.20 GSOM
Carbachol	86 N07	N06	0.20 GSOM
Carbachol	86 S01	C04	0.20 GSOM
Carbachol	86 S01	N06	0.20 GSOM
Carbachol	8 N07	C04	0.11 MCODE
Carbachol	8 N07	N06	0.11 MCODE
Carbachol	8 S01	C04	0.11 MCODE
Carbachol	8 S01	N06	0.11 MCODE
Carbamazepine	46 N03	N05	0.43 GSOM
Carbamazepine	46 N03	N06	0.43 GSOM
Carbamazepine	25 N03	N06	0.27 CL1
Carbamazepine	42 N03	N05	0.23 CL1
Carbamazepine	20 N03	N05	0.20 MCODE
Carbamazepine	20 N03	N06	0.20 MCODE
Cefazolin	8 J01	L01	0.22 CL1
Cefazolin	24 J01	L01	0.12 CL1
Chloramphenicol	5 G01	L01	0.18 MCODE
Chloramphenicol	5 J01	L01	0.18 MCODE
Chloramphenicol	5 S01	L01	0.18 MCODE
Chloramphenicol	5 S03	L01	0.18 MCODE
Chloramphenicol	24 G01	L01	0.12 CL1
Chloramphenicol	24 S01	L01	0.12 CL1
Chloramphenicol	24 S03	L01	0.12 CL1
Chloramphenicol	417 G01	L01	0.10 MCL
Chloramphenicol	417 J01	L01	0.10 MCL
Chlorzoxazone	88 M03	P03	0.40 GSOM
Chlorzoxazone	8 M03	P03	0.11 MCODE
Ciclesonide	33 R01	D07	0.24 CL1
Ciclesonide	412 R01	D07	0.24 MCL
Ciprofloxacin	8 S02	L01	0.22 CL1
Ciprofloxacin	417 S02	L01	0.10 MCL
Clonidine	56 C02	N05	0.62 CL1
Clonidine	56 S01	N05	0.62 CL1
Clonidine	61 C02	N05	0.27 CL1
Clonidine	61 S01	N05	0.27 CL1
Clotrimazole	371 D01	J02	0.20 MCL
Clotrimazole	55 D01	J02	0.18 GSOM
Cyproheptadine	46 R06	N06	0.70 CL1
Cyproheptadine	35 R06	N06	0.59 CL1
Cyproheptadine	4 R06	N06	0.54 CL1
Cyproheptadine	56 R06	N06	0.25 MCODE
Dexmedetomidine	52 N05	N01	0.30 CL1
Dexmedetomidine	366 N05	N01	0.25 MCL
Dexrazoxane	12 V03	L01	0.33 CL1

Dexrazoxane	24 V03	L01	0.33 GSOM
Diazoxide	5 V03	L01	0.15 CL1
Diazoxide	417 C02	L01	0.10 MCL
Diazoxide	13 C02	L01	0.06 MCODE
Diazoxide	13 V03	L01	0.06 MCODE
Didanosine	92 J05	B01	0.33 GSOM
Didanosine	92 J05	L01	0.33 GSOM
Didanosine	5 J05	L01	0.15 CL1
Didanosine	24 J05	L01	0.12 CL1
Didanosine	13 J05	B01	0.06 MCODE
Didanosine	13 J05	L01	0.06 MCODE
Dihydroergotamine	61 N02	N05	0.27 CL1
Dihydroergotamine	42 N02	N05	0.23 CL1
Disulfiram	24 N07	L01	0.12 CL1
Disulfiram	13 N07	L01	0.06 MCODE
Dolasetron	2 A04	A02	0.40 MCODE
Dolasetron	59 A04	L01	0.20 CL1
Dolasetron	40 A04	A02	0.20 GSOM
Dolasetron	24 A04	L01	0.12 CL1
Doxazosin	60 C02	G04	0.20 CL1
Doxazosin	60 C02	N05	0.20 CL1
Doxazosin	58 C02	G04	0.15 CL1
Doxazosin	58 C02	N05	0.15 CL1
Droperidol	28 N05	N01	0.42 GSOM
Droperidol	359 N05	N03	0.40 MCL
Droperidol	40 N05	N01	0.32 CL1
Droperidol	30 N05	N03	0.17 CL1
Entacapone	15 N04	L01	0.17 MCODE
Entacapone	24 N04	L01	0.12 CL1
Eplerenone	28 C03	J01	0.25 MCODE
Eplerenone	41 C03	J01	0.17 GSOM
Ethotoin	1 N03	C03	0.22 CL1
Ethotoin	28 N03	A10	0.13 CL1
Ethotoin	28 N03	C03	0.13 CL1
Ethotoin	16 N03	A10	0.12 CL1
Ezetimibe	373 C10	A02	0.27 MCL
Ezetimibe	22 C10	A02	0.20 CL1
Famotidine	11 A02	C10	0.27 GSOM
Famotidine	22 A02	C10	0.20 CL1
Fenofibrate	373 C10	A02	0.27 MCL
Fenofibrate	22 C10	A02	0.20 CL1
Fulvestrant	23 L02	A10	0.42 GSOM
Fulvestrant	13 L02	A10	0.42 CL1
Furosemide	60 C03	A03	0.20 CL1
Furosemide	60 C03	G04	0.20 CL1
Furosemide	60 C03	N05	0.20 CL1
Furosemide	53 C03	A03	0.17 CL1
Furosemide	53 C03	G04	0.17 CL1
Furosemide	53 C03	N05	0.17 CL1
Gefitinib	92 L01	B01	0.33 GSOM

Gefitinib	92 L01	J05	0.33 GSOM
Gefitinib	13 L01	B01	0.06 MCODE
Gefitinib	13 L01	J05	0.06 MCODE
Glimepiride	33 A10	R06	0.25 MCODE
Glimepiride	28 A10	R06	0.13 CL1
Hexachlorophene	11 D08	C10	0.27 GSOM
Hexachlorophene	22 D08	C10	0.20 CL1
Hydroxocobalamin	52 B03	L02	0.25 MCODE
Hydroxocobalamin	52 V03	L02	0.25 MCODE
Hydroxocobalamin	9 B03	L02	0.17 CL1
Hydroxocobalamin	9 V03	L02	0.17 CL1
Imiquimod	58 D06	S01	0.33 GSOM
Imiquimod	12 D06	S01	0.20 MCODE
Indapamide	1 C03	L01	0.27 MCODE
Indapamide	24 C03	L01	0.12 CL1
Ivermectin	11 D11	C10	0.27 GSOM
Ivermectin	11 P02	C10	0.27 GSOM
Ivermectin	45 D11	C10	0.25 MCODE
Ivermectin	45 P02	C10	0.25 MCODE
Ketorolac	40 S01	N01	0.32 CL1
Ketorolac	52 S01	N01	0.30 CL1
Leflunomide	62 L04	N04	0.33 MCODE
Leflunomide	30 L04	N04	0.17 CL1
Lidocaine	25 C05	N06	0.27 CL1
Lidocaine	25 N01	N06	0.27 CL1
Lidocaine	42 D04	N05	0.23 CL1
Lidocaine	37 D04	N05	0.23 CL1
Lidocaine	41 C05	N06	0.22 MCODE
Lidocaine	41 N01	N06	0.22 MCODE
Mefloquine	3 P01	D11	0.25 MCODE
Mefloquine	15 P01	D11	0.22 GSOM
Metformin	79 A10	L01	0.50 GSOM
Metformin	21 A10	L01	0.33 MCODE
Methadone	64 N07	A03	0.25 GSOM
Methadone	408 N07	A03	0.25 MCL
Metoclopramide	64 A03	N07	0.25 GSOM
Metoclopramide	408 A03	N07	0.25 MCL
Metoclopramide	37 A03	N05	0.23 CL1
Metoclopramide	60 A03	C03	0.20 CL1
Metoclopramide	60 A03	G04	0.20 CL1
Metoclopramide	60 A03	N05	0.20 CL1
Metoclopramide	53 A03	C03	0.17 CL1
Metoclopramide	53 A03	G04	0.17 CL1
Metoclopramide	53 A03	N05	0.17 CL1
Mexiletine	39 C01	N01	0.33 MCODE
Mexiletine	39 C01	N07	0.33 MCODE
Mexiletine	56 C01	N01	0.25 GSOM
Mexiletine	23 C01	N01	0.15 CL1
Mexiletine	23 C01	N07	0.15 CL1
Milrinone	29 C01	R03	0.25 GSOM

Milrinone	59 C01	R03	0.20 CL1
Moexipril	26 C09	C07	0.50 CL1
Moexipril	49 C09	C07	0.33 CL1
Morphine	56 N02	C01	0.25 GSOM
Morphine	56 N02	N01	0.25 GSOM
Morphine	23 N02	C01	0.15 CL1
Morphine	23 N02	N01	0.15 CL1
Mycophenolic Acid	342 L04	N03	0.50 MCL
Mycophenolic Acid	22 L04	N03	0.27 GSOM
Naloxone	56 V03	C01	0.25 GSOM
Naloxone	19 V03	C01	0.17 CL1
Nitric Oxide	38 R07	B01	0.33 GSOM
Nitric Oxide	38 R07	B02	0.33 GSOM
Nitric Oxide	13 R07	B01	0.06 MCODE
Nitric Oxide	13 R07	B02	0.06 MCODE
Olopatadine	87 S01	G03	0.20 GSOM
Olopatadine	12 S01	G03	0.20 MCODE
Orlistat	26 A08	C02	0.17 MCODE
Orlistat	26 A08	M04	0.17 MCODE
Orlistat	60 A08	C02	0.13 GSOM
Orlistat	60 A08	M04	0.13 GSOM
Oxandrolone	86 A14	N07	0.20 GSOM
Oxandrolone	86 A14	S01	0.20 GSOM
Oxandrolone	13 A14	N07	0.06 MCODE
Oxandrolone	13 A14	S01	0.06 MCODE
Oxazepam	22 N05	N03	0.27 GSOM
Oxazepam	15 N05	N03	0.21 CL1
Paricalcitol	3 H05	D11	0.25 MCODE
Paricalcitol	15 H05	D11	0.22 GSOM
Pentazocine	382 N02	N01	0.27 MCL
Pentazocine	63 N02	N01	0.22 GSOM
Phenoxybenzamine	86 C04	N06	0.20 GSOM
Phenoxybenzamine	86 C04	N07	0.20 GSOM
Phenoxybenzamine	86 C04	S01	0.20 GSOM
Phenoxybenzamine	8 C04	N06	0.11 MCODE
Phenoxybenzamine	8 C04	N07	0.11 MCODE
Phenoxybenzamine	8 C04	S01	0.11 MCODE
Procainamide	20 C01	N03	0.20 MCODE
Procainamide	20 C01	N05	0.20 MCODE
Procainamide	30 C01	N03	0.17 CL1
Procainamide	30 C01	N05	0.17 CL1
Procyclidine	85 N04	S01	0.33 GSOM
Procyclidine	13 N04	S01	0.06 MCODE
Ropinirole	52 N04	L02	0.25 MCODE
Ropinirole	30 N04	L02	0.17 CL1
Sildenafil	60 G04	A03	0.20 CL1
Sildenafil	60 G04	C03	0.20 CL1
Sildenafil	60 G04	N05	0.20 CL1
Sildenafil	53 G04	A03	0.17 CL1
Sildenafil	53 G04	C03	0.17 CL1

Sildenafil	53 G04	N05	0.17 CL1
Tetracycline	13 A01	L01	0.31 GSOM
Tetracycline	13 D06	L01	0.31 GSOM
Tetracycline	13 J01	L01	0.31 GSOM
Tetracycline	331 A01	L01	0.14 MCL
Tetracycline	331 D06	L01	0.14 MCL
Tetracycline	331 J01	L01	0.14 MCL
Tetracycline	331 S01	L01	0.14 MCL
Tetracycline	331 S02	L01	0.14 MCL
Tetracycline	331 S03	L01	0.14 MCL
Tetracycline	13 A01	L01	0.06 MCODE
Tetracycline	13 D06	L01	0.06 MCODE
Tetracycline	13 J01	L01	0.06 MCODE
Tetracycline	13 S01	L01	0.06 MCODE
Tetracycline	13 S02	L01	0.06 MCODE
Tetracycline	13 S03	L01	0.06 MCODE
Tizanidine	372 M03	N02	0.25 MCL
Tizanidine	63 M03	N02	0.25 MCODE