

Code	Name	Description	Final concentration
A1	DMSO	Solvent	0.1 %
A2	Roscovitine	CDK inhibitor	60 $\mu$ M
A3	N-acetylcysteine	Antioxidant	500 $\mu$ M
A4	IIB-08	SHP2 inhibitor	5 $\mu$ M
A5	RG108	DNA methyltransferase inhibitor	100 $\mu$ M
A6	TGF $\beta$	Cytokine	2 ng/ml
A7	PHPS1	SHP2 inhibitor	10 $\mu$ M
A8	NSC95397	CDC25 inhibitor	2.5 $\mu$ M
A9	Tumor necrosis factor	Cytokine	2 ng/ml
A10	Ciliobrevin D	Cytoplasmic dynein inhibitor	25 $\mu$ M
A11	Wortmannin	PI3K inhitor	1 mM
A12	PMA	Phorbol ester	500 nM
B1	IIB-05	SHP2 inhibitor	5 $\mu$ M
B2	Lithium chloride	GSK3 inhibitor	1 mM
B3	Sodium butyrate	HDAC inhibitor	100 $\mu$ g/ml
B4	Ciprofloxacin HCl	Antibiotic	10 $\mu$ g/ml
B6	Adenosine	Nucleoside	40 $\mu$ M
B7	NaOH	Alkaline	0.5 mM
B8	Bucladesine	cAMP analog	50 $\mu$ g/ml
B9	BrdU	Nucleoside analog	10 $\mu$ M
B10	Pyridoxine hydrochloride	Vitamin B6	600 $\mu$ M
B12	Polybrene	Cationic polymer	4 $\mu$ g/ml
C1	Ethanol	Solvent	0.1 %
C2	DTT	Reducing agent	1 mM
C3	5 aza 2'deoxyctidine	DNA methyltransferase inhibitor	10 $\mu$ M
C4	RO3306	CDK1 inhibitor	1.25 $\mu$ M
C5	Rapamycin	mTOR inhibitors	1 $\mu$ M
C6	EHNA	Dynein Inhibitor	50 $\mu$ M
C7	Tunicamycin	Glycosylation inhibitor	100 ng/ml
C8	Caffeine	ATM inhibitor	125 $\mu$ M
C9	LY-294002	PI3K inhibitor	5 $\mu$ M
C10	Lonafarnib	Farnesyltransferase inhibitor	10 $\mu$ M
C11	Monastrol	Kinesin-5 inhibitor	25 $\mu$ M
C12	Thymidine	Nucleoside	200 $\mu$ M
D1	Dihydrocytochalasin	Actin assembly inhibitor	5 $\mu$ M
D2	Lovastatin	HMG-CoA inhibitor	5 $\mu$ M
D3	Cisplatin	Platinum-containing anti-cancer drug	0.1 $\mu$ g/ml
D4	ZM-447349	Aurora kinase inhibitor	2.5 $\mu$ M
D5	Sorafenib tosylate	Kinase inhibitor	10 $\mu$ M
D7	Latacystin	20S proteasome inhibitor	25 $\mu$ M
D8	GW843682X	PLK1 inhibitor	1.25 $\mu$ M
D9	Taxol	Spindle poison	0.625 nM
D10	Bortezomib	26S proteasome inhibitor	2.5 nM
D11	SB203580	p38 kinase inhibitor	10 $\mu$ M
E1	PD-98059	MEK inhibitor	10 $\mu$ M
E2	Methoytrexate	Dihydrofolate reductase inhibitor	20 nM
E3	Arsenic trioxide	Arsenic salt	625 nM
E4	MLN2238	Proteasome inhibitor	12.5 nM
E5	AZD2281	PARP inhibitor	10 $\mu$ M
E6	Nocodazole	Spindle poison	2.5 ng/ml
E7	Vincristine	Spindle poison	1 nM
E8	MLN8237	Aurora kinase inhibitor	10 nM
E9	AZD7762	CHK1 inhibitor	10 nM
E10	Adriamycin	Topoisomerase II inhibitor	200 ng/ml
E11	MK-1775	WEE1 inhibitor	50 nM
E12	Etoposide	Topoisomerase II inhibitor	100 ng/ml
F1	UCN-01	CHK1 inhibitor	10 nM

F2	VX689	Aurora A inhibitor	50 nM
F3	Aphidicolin	DNA polymerase inhibitor	25 ng/ml
F4	MG132	Proteasome inhibitor	100 nM
F5	Barasertib	Aurora B inhibitor	10 nM
F6	NSC 663284	CDC25 inhibitor	500 nM
F7	Sodium selenite	Selenium salt	5 $\mu$ M
F8	8-azaguanine	Nucleoside analog	3 $\mu$ M
F9	$\beta$ -mercaptoethanol	Reducing agent	14.3 $\mu$ M
F10	BX795	PDK inhibitor	500 nM
F11	MG101	Proteasome inhibitor	1 $\mu$ g/ml
F12	Tipifarnib	Farnesyltransferase inhibitor	1 $\mu$ M
G1	Dovitinib	Kinase inhibitor	250 nM
G2	AZ 3146	MPS1 inhibitor	500 nM
G3	Hydroxyurea	ribonucleotide reductase inhibitor	75 $\mu$ M
G4	Mitomycin C	DNA crosslinker	2.5 ng/ml
G5	Temozolomide	DNA alkylating agent	6.25 $\mu$ M
G6	Retinoic acid	Ligand	50 $\mu$ M
G7	Okadaic acid	PP2A inhibitor	20 ng/ml
G8	SP600125	JNK inhibitor	2.5 $\mu$ M
G9	Leptomycin B	Exportin 1 inhibitor	1 ng/ml
G11	TRAIL	Death receptor ligand	2.5 ng/ml
H1	Calpain inhibitor I	Calpain inhibitor	2.5 $\mu$ M
H2	Camptothecin	Topoisomerase I inhibitor	1 nM
H3	SB743921	Kinesin-5 inhibitor	1 nM
H4	BI2536	PLK1 inhibitor	2 nM
H5	GSH	Reducing agent	10 $\mu$ g/ml
H6	Deoxycytidine	Nucleoside	25 $\mu$ M