

Supplementary Table 1. Compound library

Compound	Target	Supplier	Cat no	Solvent
2-chlorodeoxyadenosine	Adenosine deaminase	AK Scientific	E997	DMSO
Acalabrutinib	BTK	Selleck Chemicals LLC	S8116	DMSO
Alisertib	Aurora A	Selleck Chemicals LLC	S1133	DMSO
AZD6738	ATR	TargetMol	T3338	DMSO
Binimetinib	MEK1/2	Selleck Chemicals LLC	S7007	DMSO
Buparlisib	PI3K	Selleck Chemicals LLC	S2247	DMSO
Cabozantinib	VEGFR2	LC Laboratories	C-8901	DMSO
Chlorambucil	Alkylating agent	Pure Chemistry Scientific	815818	DMSO
Cobimetinib	MEK1/2	Selleck Chemicals LLC	S8041	DMSO
Compound 7n	PI3K	Selleck Chemicals LLC	S8693	DMSO
Copanlisib	PI3K	Selleck Chemicals LLC	S2802	5% TFA
Crizotinib	c-Met, ALK	LC Laboratories	C-7900	DMSO
Cytarabine	DNA synthesis	Selleck Chemicals LLC	S1648	H2O
Dasatinib	Abl, Src, c-Kit	LC Laboratories	D-3307	DMSO
Dexamethasone	Interleukin receptor	Selleck Chemicals LLC	S1322	DMSO
Doramapimod	p38 MAPK	LC Laboratories	D-2744	DMSO
Duvelisib	PI3K	Selleck Chemicals LLC	S7028	DMSO
Fludarabine	DNA synthesis, STAT1	Selleck Chemicals LLC	S1491	DMSO
Ibrutinib	BTK	LC Laboratories	S2680	DMSO
Idelalisib	PI3K	LC Laboratories	S2226	DMSO
JQ1	BET bromodomain	Selleck Chemicals LLC	S7110	DMSO
Lenalidomide	Immunomodulation	Selleck Chemicals LLC	S1029	DMSO
Methylprednisolone	Glucocorticoid receptor	Selleck Chemicals LLC	S1733	DMSO
Nemoralisib	PI3K	Selleck Chemicals LLC	S7937	DMSO
Nutlin 3a	p53/MDM2	Selleck Chemicals LLC	S8059	DMSO
Palbociclib	CDK4/6	LC Laboratories	P-7744	DMSO
Panobinostat	HDAC	LC Laboratories	P-3703	DMSO
PD0325901	MEK1/2	Selleck Chemicals LLC	S1036	DMSO
Pictilisib	PI3K	Selleck Chemicals LLC	S1065	DMSO
Pilaralisib	PI3K	Selleck Chemicals LLC	S7645	DMSO
Pimasertib	MEK1/2	Selleck Chemicals LLC	S1475	DMSO
Quizartinib	FLT3	LC Laboratories	Q-4747	DMSO
Refametinib	MEK1/2	Selleck Chemicals LLC	S1089	DMSO
Ruxolitinib	JAK1/2	LC Laboratories	R-6600	DMSO
Selinexor	CRM1	Cayman Europe	18127.0	DMSO
Selumetinib	MEK1/2	Selleck Chemicals LLC	S1008	DMSO
SNX-5422	HSP90	Cayman Europe	18270.0	DMSO
Sorafenib	Raf-1, B-Raf and VEGFR-2	LC Laboratories	S-8599	DMSO
Trametinib	MEK1/2	LC Laboratories	T-8123	DMSO
U0126	MEK1/2	Selleck Chemicals LLC	S1102	DMSO
Umbralisib	PI3K	MedChemTronica	HY-12279	DMSO
Valproic acid	Histone deacetylase	ENAMINE Ltd.	Z1511532065	DMSO
Vandetanib	VEGFR2/3, EGFR	LC Laboratories	V-9402	DMSO
Vemurafenib	B-Raf ^{V600E}	LC Laboratories	V-2800	DMSO
Venetoclax	Bcl-2	Selleck Chemicals LLC	S8048-5MG	DMSO
ZSTK474	PI3K	Selleck Chemicals	S1072	DMSO