

**Table S1.** Small molecule inhibitor screen with associated primary target(s) and supplier.

<b>Inhibitor</b>	<b>Primary Target(s)</b>	<b>Supplier</b>
<b>Lenvatinib</b>	Broad Spectrum: RTKs	LC Labs
<b>Sunitinib</b>	Broad Spectrum: RTKs	LC Labs
<b>Pazopanib</b>	Broad Spectrum; RTKs	LC Labs
<b>Ponatinib</b>	Broad spectrum; RTKs	LC Labs
<b>Regorafenib</b>	Broad Spectrum: RTKs	LC Labs
<b>Bosutinib</b>	Src, Abl	LC Labs
<b>Dasatinib</b>	Abl, Src, c-Kit	LC Labs
<b>Saracatinib</b>	Src	Selleck Chemicals
<b>Ceritinib</b>	ALK	LC Labs
<b>Crizotinib</b>	c-Met, ALK	LC Labs
<b>NVP-TAE684</b>	ALK	Selleck Chemicals
<b>AZD9291</b>	EGFR	Selleck Chemicals
<b>EAI045</b>	EGFR	Selleck Chemicals
<b>Erlotinib</b>	EGFR	LC Labs
<b>Gefitinib</b>	EGFR	LC Labs
<b>Lapatinib</b>	EGFR, ErbB2	Selleck Chemicals
<b>Neratinib</b>	HER2, EGFR	LC Labs
<b>BGJ398</b>	FGFR1/2/3	Selleck Chemicals
<b>Linsitinib</b>	IGF-1R	LC Labs
<b>NVP-AEW541</b>	IGF-1R, InsR	Selleck Chemicals
<b>Imatinib</b>	v-Abl, c-Kit, PDGFR $\alpha$	LC Labs
<b>Cediranib</b>	VEGFR	LC Labs
<b>Foretinib</b>	HGFR, VEGFR	LC Labs
<b>Sorafenib</b>	Raf-1, B-Raf, VEGFR2	LC Labs
<b>Vandetanib</b>	VEGFR2	LC Labs
<b>BI2536</b>	Plk1	Selleck Chemicals
<b>BX-795</b>	PDK1	Sigma-Aldrich
<b>NVP-BEZ235</b>	PI3K, mTOR	LC Labs
<b>Rapamycin</b>	mTOR	LC Labs
<b>Binimetinib</b>	MEK1/2	LC Labs
<b>Trametinib</b>	MEK1/2	LC Labs
<b>Dabrafenib</b>	BRAFV600	Selleck Chemicals
<b>SB203580</b>	p38 MAPK	LC Labs
<b>SP600125</b>	JNK	LC Labs
<b>NVP-AUY922</b>	HSP90	LC Labs
<b>AZD5363</b>	Akt1/2/3	Selleck Chemicals
<b>MK2206</b>	Akt1/2/3	Selleck Chemicals
<b>Momelotinib</b>	JAK1/2	Selleck Chemicals
<b>Niclosamide</b>	STAT3	Selleck Chemicals
<b>SH-4-54</b>	STAT	Selleck Chemicals
<b>Cilengitide Trifluoroacetate</b>	Integrin	Selleck Chemicals
<b>Navitoclax</b>	Bcl-xL, Bcl-2, Bcl-w	Selleck Chemicals
<b>Galunisertib</b>	TGF $\beta$ -R1	Selleck Chemicals
<b>Entrectinib</b>	TrkA/B/C, ROS1, ALK	Selleck Chemicals
<b>GW441756</b>	TrkA	Selleck Chemicals
<b>BMS345541</b>	IKK-1/2	Selleck Chemicals
<b>GSK126</b>	EZH2 Methyltransferase	Selleck Chemicals
<b>XAV-939</b>	Tankyrase-1/2	Selleck Chemicals
<b>PF562271</b>	FAK	Selleck Chemicals
<b>TAE226</b>	FAK	Selleck Chemicals
<b>Alisertib</b>	Aurora A	Selleck Chemicals
<b>JQ1</b>	BET Bromodomain	Selleck Chemicals

<b>LY2603618</b>	Chk1	Selleck Chemicals
<b>MK-8776</b>	Chk1	Selleck Chemicals
<b>Palbociclib</b>	CDK4/6	LC Labs
<b>Silmitasertib</b>	CK2	Selleck Chemicals
<b>Rucaparib</b>	PARP	LC Labs
<b>Talazoparib</b>	PARP	Selleck Chemicals