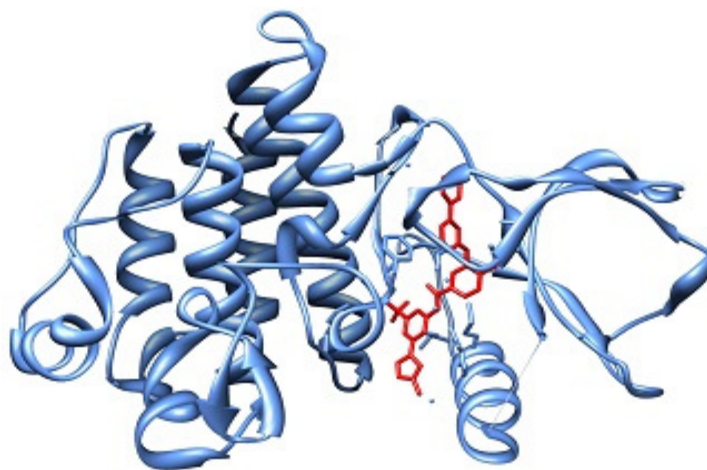


Tyrosine Kinase Inhibitors At A Glance

Tyrosine Kinases (TKs) are enzymes that catalyze the addition of a phosphate from ATP to a tyrosine residue on a substrate protein. Tyrosine phosphorylation serves as a molecular signal during embryogenesis and tissue remodeling in adults. Humans have more than 90 known tyrosine kinases: 58 receptor-linked and 32 cytosolic. Due to their involvement in cell proliferation, TKs are attractive targets for therapeutic intervention in various forms of cancer. TK inhibitors (TKIs) inhibit proliferation, survival, invasion, and angiogenesis in cancer cells, as well as in tissue remodeling and transformation.



High TK activity in fibroblasts is directly associated to the ability of these cells to help heal wounds. Deregulation of TKs has been linked to several human developmental abnormalities. Inhibitors help turn off the TKs when they become mutated or get constitutively turned on in various disease states. BioVision's portfolio includes an extensive collection of individual TK inhibitors and also convenient sets of inhibitors for specific classes of TKs (for example the receptor-type TK inhibitor set).

This handy list of TK inhibitors, their targets and IC50 concentrations takes the guesswork out of the equation and minimizes time-consuming literature search and helps you select the appropriate inhibitors for your research goal with confidence. Print it and stick it in your lab for everyday reference and simply use it as your go-to resource for information.

Tyrosine Kinase Inhibitors

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
A 83-01 CAS #: 909910-43-6	1725	1 mg	ALK4 (45 nM)	ALK5 (12 nM)	ALK7 (7.5 nM)	
EZSolution™ A83-01, Sterile-Filtered CAS #: 909910-43-6	1989	1 ml	ALK4 (45 nM)	ALK5 (12 nM)	ALK7 (7.5 nM)	
AAL-993 CAS #: 269390-77-4	2740	2 mg, 10 mg	VEGFR-1 (130 nM), VEGFR-2 (23 nM) and VEGFR-3 (18nM)	PDGFR (640 nM)	c-Kit (236 nM)	CSF-1R (380 nM)
ABT-869 CAS #: 796967-16-3	1615	1 mg, 5 mg	VEGF receptors (0.2 nM VEGF-stimulated proliferation in human endothelial cells)	PDGF receptors (2nM PDGFRβ, 4nM KDR, 7 nM CSF-1R)		

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
AC710 CAS #:1351522-04-7	2884	5 mg, 25 mg	FLT3 (0.6 nM)	KIT (1.0 nM)	PDGFR α (1.3 nM)	PDGFR β (1.0 nM)
AEE-788 CAS #:497839-62-0	9658	1 mg, 5 mg	EGFR (2 nM)	ErbB2 (6 nM), ErbB4 (160 nM)	VEGFR-1 (59 nM), VEGFR-2 (77 nM), VEGFR-3 (330 nM)	c-Abl (52 nM)
AG 1478 CAS #: 175178-82-2	1800	5 mg, 25 mg	EGFR Tyrosine Kinase (3 nM)	PDGFR kinases (>100 μ M)	HER2-NEU kinases (>100 μ M)	
AG-1296 CAS #: 146535-11-7	2376	5 mg	PDGF receptor kinase (1 μ M)	c-kit	FGF kinase	
Altenusin, Penicillium sp. CAS #: 31186-12-6	2146	1 mg, 5 mg	Sphingomyelinase (N-SMase)	pp60c-Src	CSF-1/m-CSF receptor	Myosin light chain kinase
Altiratinib CAS #: 1345847-93-9	9563	5 mg, 25 mg	MET	TIE2	VEGFR2	TRK
AMG-208 CAS #: 1002304-34-8	2553	5 mg, 25 mg	c-Met			
AMG-47a CAS #: 882663-88-9	2825	5 mg, 25 mg	Lck	KDR	SRC	MAPK α
AMG-Tie2 CAS #: 870223-96-4	B1612	5 mg, 25 mg	Tie-2 inhibitor			
Amuvatinib CAS #: 850879-09-3	9458	5 mg, 25 mg	c-Kit (10 nM)	PDFGR α (40 nM)	Flt3 (81 nM)	
ANA-12 CAS #: 219766-25-3	2878	10 mg, 50 mg	TrkB			
Anomalin A CAS #: 548740-86-9	2151	1 mg	Lck (p56lck; lym- phocyte specific tyrosine kinase)			
Apatinib (Free base) CAS #: 811803-05-1	B1613	5 mg, 25 mg	tyrosine kinase inhibitor			
Apatinib mesylate CAS #: 1218779-75-9	B1608	5 mg, 25 mg	VEGFR-2			
ASP-3026 CAS #: 1097917-15-1	B1296	5 mg, 25 mg	ALK (3.5 nM)	ROS (8.9 nM)	ACK (5.8 nM)	
AT9283 CAS #: 896466-04-9	2432	5 mg, 25 mg	pan-Aurora kinase (3 nM for both Au- rora A and B)	JAK2/JAK3 (1.2/1.1 nM)	c-Abl (110 nM)	Abl/T315I (4 nM)
AVL-292 (Spebrutinib) CAS #: 1202757-89-8	9413	5 mg, 25 mg	BTK (0.5 nM)			
Axitinib (AG-013736) CAS #: 319460-85-0	1581	5 mg, 25 mg	VEGFR-1, 2, 3 (100 pM, 200 pM, 100 pM)	PDGFR (5 nM)	PDGFR- β (1.6 nM)	cKIT (CD117) (1.7 nM)

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
AZ-5104 CAS #: 1421373-98-9	9441	10 mg, 50 mg	EGFR			
AZD-3463 CAS #: 1356962-20-3	2371	5 mg, 25 mg	ALK (Anaplastic Lymphoma Kinase) (~22 nM)	IGFR1		
AZD-3759 CAS #: 1626387-80-1	9609	5 mg, 25 mg	EGFR			
AZD-4547 CAS #: 1035270-39-3	9403	5 mg, 25 mg	FGFR1, FGFR2, FGFR3			
AZD-8931 CAS #: 848942-61-0	9659	5 mg, 25 mg	ErbB-1 (4 nM)	Neu (3 nM)	ErB-3 (4 nM)	
AZD-9291 CAS #: 1421373-65-0	2674	5 mg, 25 mg	EGFR tyrosine kinase inhibitor			
AZD-9291 mesylate CAS #: 1421373-66-1	B1899	5 mg, 25 mg	epidermal growth factor receptor (EGFR) tyrosine kinase inhibitor (TKI)			
Bafetinib CAS #: 859212-16-1	B1172	5 mg, 25 mg	Bcr-Abl (5.8 nM)	Lyn (19 nM)		
BAY 43-9006 CAS #: 475207-59-1	1594	25 mg, 100 mg	Raf1, B-Raf (6 nM, 22 nM)	VEGFR-2, 3 (90 nM, 15 nM)	PDGFR- β (20 nM)	Flt-3, cKIT (57 nm, 58 nM)
EZSolution™ BAY 43-9006 CAS #: 475207-59-1	2031	25 mg	Raf1, B-Raf (6 nM, 22 nM)	VEGFR-2, 3 (90 nM, 15 nM)	PDGFR- β (20 nM)	Flt-3, cKIT (57 nm, 58 nM)
BAY 43-9006, Free base CAS #: 284461-73-0	2142	25 mg, 100 mg	Raf1, B-Raf (6 nM, 22 nM)	VEGFR-2, 3 (90 nM, 15 nM)	PDGFR- β (20 nM)	Flt-3, cKIT (57 nm, 58 nM)
Bay 61-3606 Hydrochloride CAS #: 732983-37-8	1796	1 mg, 5 mg	Spleen Tyrosine Kinase (Syk) (10 nM)			
BIBF1120 CAS #: 928326-83-4	2167	5 mg, 25 mg	VEGFR (13-34 nM)	PDGFR (59-65 nM)	FGFR (37-610 nM)	
BIBW2992 (Tovok) CAS #: 439081-18-2	1616	1 mg, 5 mg	EGFR (0.5 nM)	HER2 (14 nM)		
BIBX-1382 CAS #: 196612-93-8	9463	5 mg, 25 mg	EGFR Tyrosine kinase (3 nM)	ErbB2 (3.4 μ M)		
BLZ-945 CAS #: 953769-46-5	B1651	5 mg, 25 mg	CSF-1R inhibitor			
BMS-536924 CAS #: 468740-43-4	B1908	1 mg, 5 mg	(IGF-1R) kinase	insulin receptor		
BLU9931 CAS #: 1538604-68-0	9639	5 mg, 25 mg	FGFR4 (3 nM)	FGFR1 (591 nM)	FGFR2 (493 nM)	FGFR3 (150 nM)

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
BMS-599626 CAS #: 873837-23-1	1614	1 mg, 5 mg	HER1, 2, 4 (20 nM, 30 nM, 190 nM)			
BMS-754807 CAS #: 1001350-96-4	2631	1 mg, 5 mg	IGF-1R/IR fam- ily kinases (Ki, <2 nmol/L)			
BMS-777607 CAS #: 1025720-94-8	2455	5 mg, 25 mg	Met kinase superfamily (c-Met - 3.9 nM, Axl - 1.1 nM, RON - 1.8 nM, Tyro3 - 4.3 nM)			
BMX-IN-1 CAS #: 1431525-23-3	B1330	5 mg, 25 mg	BMX (ETK) Kinase			
Bosutinib (SKI-606) CAS #: 380843-75-4	1584	5 mg, 25 mg	Src (1.2 nM)	Abl (1 nM)		
Brigatinib (AP26113) CAS #: 1197953-54-0	9675	5 mg, 25 mg	ALK			
Brivanib CAS #: 649735-46-6	B1325	1 mg, 5 mg	human Flk-1 (VEGFR-2) (25 nM)	mouse Flk-1 (89nM)	VEGFR-1 (0.38 µM)	FGFR-1 (0.148 µM)
Brivanib Alaninate CAS #: 649735-63-7	B1326	1 mg, 5 mg	VEGFR-2 (25 nM)			
BTK Inhibitor, CNX-774 CAS #: 1202759-32-7	2600	5 mg, 25 mg	BTK (< 1 nM)			
BTK Inhibitor, PCI-32765 CAS #: 936563-96-1	2298	5 mg, 25 mg	BTK (0.5 nM)			
Canertinib (CI-1033, PD-183805) CAS #: 289499-45-2	1617	5 mg, 50 mg	Pan-erbB tyrosine kinase (EGFR - 0.8 nM, HER2 - 19 nM, ErbB4 -7 nM)			
Carbozantinib CAS #: 849217-68-1	1935	5 mg, 25 mg	MET (1.8 nM)	VEGFR2 (0.035 nM)	FLT3/Tie2 (14.4 nM)	Kit (4.6 nM)
Cediranib (AZD2171) CAS #: 288383-20-0	1613	1 mg, 5 mg	VEGFR-1, 2, 3 (5 nM, 1 nM, 3 nM)	c-Kit (2 nM)	PDGF- AA (40 nM)	
CGI-1746 CAS #: 910232-84-7	9647	5 mg, 25 mg	BTK (1.9 nM)			
CH5183284 CAS#: 1265229-25-1	B1649	5 mg, 25 mg	FGFRs			
CH5424802 CAS #: 1256580-46-7	2867	5 mg, 25 mg	ALK (1.9 nM)			
CL-387785 CAS #: 194423-06-8	2826	10 mg, 50 mg	EGFR (250-490 pM)			

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
CO-1686 (Rociletinib) CAS #: 1374640-70-6	2794	5 mg, 25 mg	EGFR	EGFRL858R/ T790M mutant		
CP-690550 CAS #: 477600-75-2	1622	5 mg, 25 mg	JAK-1, 2, 3 (3.2 nM, 4.1 nM, 1.6 nM)			
CP-724714 CAS #: 537705-08-1	B1333	5 mg, 25 mg	ErbB-2 (10±3 nmol/L)	EGFR Kinases (6,400±2,100 nmol/L)		
Crenolanib CAS #: 670220-88-9	9679	5 mg, 25 mg	FLT3 tyrosine kinase inhibitor	PDGFRα/β (2.1 nM/3.2 nM)		
Crizotinib CAS #: 877399-52-5	1934	5 mg, 25 mg	ALK (24 nM)	cMet (11 nM)		
CTx-0294885 CAS #: 1439934-41-4	9435	5 mg, 25 mg	Broad range of kinases			
CUDC-101 CAS #: 1012054-59-9	1966	5 mg, 25 mg	HDAC (4.4 nM)	EGFR (2.4 nM)	HER2 (15.7 nM)	
CZC-8004 CAS#: 916603-07-1	B1868	5 mg, 25 mg	pan-specific kinase inhibitor			
Damnacanthal CAS #: 477-84-9	B1094	1 mg, 5 mg	p56 Lck tyrosine kinase (17 nM)	LIMK1/2		
Dasatinib (BMS-354825, Sprycel) CAS #: 302962-49-8	1586	25 mg, 100 mg	BCR-ABL (<1 nM)	Src (3 nM)	Lyn (8.5 nM)	Src family (0.2-1.1 nM)
EZSolution™ Dasatinib CAS #: 302962-49-8	2029	25 mg	BCR-ABL (<1 nM)	Src (3 nM)	Lyn (8.5 nM)	Src family (0.2-1.1 nM)
DDR1-IN-1 CAS #: 1449685-96-4	B1331	5 mg, 25 mg	DDR1 (105 nM)			
Dovitinib CAS#: 405169-16-6	B1614	5 mg, 25 mg	RTK inhibitor			
Dovitinib lactate CAS#: 915769-50-5	B1615	5 mg, 25 mg	RTK inhibitor			
EAI-045 CAS #: 1942114-09-1	B1274	5 mg, 25 mg	EGFR (L858R/ T790M-mutant EGFR)			
PathwayReady™ EGFR Signaling Inhibitor Panel CAS #: Multiple Inhibitors	K863	14 inhibitors	EGFR, JAK2, JAK3, Akt1, Akt2, ErbB1, ErbB2, PI3K, MEK1, Src family, p78 SR kinase, p38 MAPK, Raf, PDGF, VEGF, JNK, Stat3, cRaf			

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
DiscoveryPak™ EGFR Tyrosine Kinase Inhibitor Set CAS #: Multiple Inhibitors	K858	5 inhibitors	Pan ErbB	EGFR (ErbB1, ErbB2)		
EMD-1214063 CAS #: 1100598-32-0	B1297	5 mg, 25 mg	c-Met (4 nM)			
Emodin CAS #: 518-82-1	1875	25 mg, 50 mg, 100 mg, 250 mg	p56lck (18.5 μM)			
Entrectinib CAS #: 1108743-60-7	B1324	5 mg, 25 mg	TrkA (1.7 nM), Trk B (0.1 nM), Trk C (0.1 nM)	C-ros oncogene 1 (0.2 nM)	ALK (1.6 nM)	
Erlotinib, Free Base CAS #: 183321-74-6	2048	100 mg, 1 g	EGFR (2 nM), EGFR autophosphorylation in tu (20 nM)			
Erlotinib, Hydrochloride Salt CAS #: 183319-69-9	1588	100 mg, 1 g	EGFR (2 nM)			
EW-7197 CAS #: 1352608-82-2	B1191	1 mg, 5 mg	ALK5 (TGF-β Type I receptor)			
FIIN-2 CAS #: 1633044-56-0	9577	5 mg, 25 mg	FGFR1, FGFR2			
Foretinib CAS #: 849217-64-7	9476	5 mg, 25 mg	c-MET	VEGFR-2		
Fostamatinib Disodium CAS #: 1025687-58-4	1936	1 mg, 5 mg	Spleen tyrosine kinase (Syk) (41 nM)	Flt3 (200 nM)	Adenosine A3 receptor (81 nM)	Adenosine transporter (1.84 μM), Monoamine transporter (2.74 μM)
Gefitinib CAS #: 184475-35-2	1589	5 mg, 25 mg	EGFR (33 nM)			
EZSolution™ Gefitinib CAS #: 184475-35-2	2030	5 mg	EGFR (33 nM)			
Genistein CAS #: 446-72-0	1533	10 mg, 100 mg	Protein Tyrosine Kinases (~1-10 μM), p60v-src (25 μM)	EGFR (autophosphorylation = 2.6 μM, 22 μM)	TNF alpha (40 nM)	PKA/PKC (>350 μM)
Genistin CAS #: 529-59-9	1535	10 mg	Protein Tyrosine Kinases (~1-10 μM), p60v-src (25 μM)	EGFR (autophosphorylation = 2.6 μM, 22 μM)		
Gilteritinib CAS #: 1254053-43-4	B1294	5 mg, 25 mg	FLT3			
GNF-2 CAS #: 778270-11-4	2470	5 mg, 25 mg	Bcr-Abl (267 nM)			

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
GNF-5 CAS #: 778277-15-9	B1329	5 mg, 25 mg	Bcr-Abl			
Golvatinib CAS #: 928037-13-2	2655	5 mg, 25 mg	c-Met	VEGFR-2		
GS-9973 CAS #: 1229208-44-9	2669	1 mg, 5 mg	Syk			
GSK1904529A CAS #: 1089283-49-7	2286	5 mg, 25 mg	IGF-1R (27 nM)	Insulin recep- tor (25 nM)		
GSK2256098 CAS #: 1224887-10-8	B1224	5 mg, 25 mg	FAK-1			
GW2580 CAS #: 870483-87-7	1740	5 mg, 25 mg	c-FMS (30 nM)			
EZSolution™ GW2580 CAS #: 870483-87-7	2549	5 mg	c-FMS (30 nM)			
GW-786034 CAS #: 444731-52-6	1916	5 mg, 25 mg	VEGFR-1, 2, 3 (10 nM, 30 nM, 47 nM)	PDGFR (84 nM)	FGFR (74 nM)	
GW788388 CAS #: 452342-67-5	2820	10 mg, 50 mg	(TGF-βR1) (activin receptor-like kinase 5, ALK5 (18 nM)			
GZD824 CAS #: 1257628-77-5	2795	5 mg, 25 mg	Bcr-Abl (WT) (0.34nM), Bcr-Abl (T315I)(0.68 nM)			
H3B-6527 CAS#: 1702259-66-2	B1647	5 mg, 25 mg	FGFR4 inhibitor			
Harmine CAS #: 442-51-3	2561	50 mg, 250 mg	DYRK1A (DYRKA1A - 33 nM, DYRKA1B -166 nM, DYRK2 - 1.9 μM, DYRK4 - 80 μM)			
Herbimycin A CAS #: 70563-58-5	2748	100 μg, 1 mg	HSP90	v-Src	Bcr-Abl	Raf-1
Hypericin CAS #: 548-04-9	2526	1 mg, 5 mg	PKC (3.4 μM), TK (7.5 μM)	Casein Kinase II (6 nM)	MAP Kinase (4 nM)	Insulin R (20- 29 nM), EGFR (35 nM)
Imatinib Mesylate (CGP- 57148B, STI-571) CAS #: 220127-57-1	1625	100 mg, 1 g	Bcr-Abl (630 nm), v-Abl (600 nM)	PDGFR (100 nM)	c-Kit (100 nM)	
Imatinib, Free base	2141	100 mg, 1 g	Bcr-Abl (630 nm), v-Abl (600 nM)	PDGFR (100 nM)	c-Kit (100 nM)	
ITD-1	2879	10 mg, 50 mg	TGFβ (0.85 μM)			
JAK Inhibitor, Pyridone 6 CAS #: 457081-03-7	2534	500 μg, 1 mg	JAK-1, 2, 3 (15 nM, 1 nM, 5 nM)	Tyk-2 (1 nM)	TKs (130 nM- 10 mM)	
PathwayReady™ JAK/ STAT Signaling Inhibitor Panel CAS #: Multiple Inhibitors	K864	8 inhibitors	JAK-2, 3	STAT - 3, 5		

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
JNJ-10198409 CAS #: 627518-40-5	B1078	5 mg, 25 mg	PDGF-RTK	PDGF- β (4.2 nM), PDGF- α (45 nM)		
Ki 8751 CAS #: 228559-41-9	2677	5 mg, 25 mg	VEGFR-2 (0.9 nM)			
KRN-633 CAS #: 286370-15-8	2839	5 mg, 25 mg	VEGFR-1 (170 nM), VEGFR-2 (160 nM), VEGFR-3 (125 nM)	PDGFR- α (0.97 μ M)	c-KIT (4.3 μ M)	
KW-2449 hydrochloride CAS #: 1000669-72-6	B1208	5 mg, 25 mg	FLT3	ABL	ABL-T315I	
Lapatinib Ditosylate (Tykerb, Tyverb, GW-572016) CAS #: 388082-78-8	1624	25 mg, 100 mg	EGFR (10.8 nM)	ErbB2 (9.8 nM)	ErbB4 (367 nM)	
EZSolution™ Lapatinib Ditosylate CAS #:388082-78-8	2807	10 mg	EGFR			
Lapatinib, Free base CAS #: 231277-92-2	2138	25 mg, 100 mg	EGFR (10.8 nM)	ErbB2 (9.8 nM)	ErbB4 (367 nM)	
Lenvatinib CAS #: 417716-92-8	B1157	5 mg, 25 mg	VEGFR-1 (22 nM)	VEGFR-2 (4 nM)	VEGFR-3 (5.2 nM)	PDGFR β (39 nM)
LFM-A13 CAS #: 244240-24-2	2414	5 mg, 25 mg	Bruton's tyrosine kinase (BTK) (2.5 -17 μ M)	Polo-like kinase (PLK) (PLK1 - 37.3 μ M, PLK3 - 61 μ M)		
Linsitinib, Free base CAS #: 867160-71-2	2294	5 mg, 25 mg	IGF-1R (35 nM)	Insulin receptor (75 nM)		
LY-2109761 CAS #: 700874-71-1	9605	5 mg, 25 mg	TGF β receptor type I (38 nM)	TGF β receptor type II (300 nM)		
LY-2157299 CAS #: 700874-72-2	9475	5 mg, 25 mg	T β RI (56 nM)			
LY-2874455 CAS #: 1254473-64-7	9532	5 mg, 25 mg	FGF/FGFR			
LY364947 CAS #: 396129-53-6	2646	1 mg, 5 mg	TGF- β RI (TGFR-I, T β R-I, ALK-5), (59 nM)	TGF- β RII (400 nM)	p38 MAPK (740 nM)	
Masitinib CAS #: 790299-79-5	2007	5 mg, 25 mg	Kit (200 nM)	PDGFR α/β (540 nM/800 nM)		
MK-1775 CAS #: 955365-80-7	2373	5 mg, 25 mg	WEE1 (5.2 nM)			
Motesanib CAS #: 453562-69-1	2022	5 mg, 25 mg	VEGFR-1, 2, 3 (2 nM, 3 nM, 6 nM)	PDGFR (84 nM)	Kit (8 nM)	

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
Naquotinib CAS #: 448232-80-1	B1317	5 mg, 25 mg	EGFR			
Naquotinib mesylate CAS #: 1448237-05-5	B1566	5 mg, 25 mg	EGFR (T790M)			
Neratinib CAS #: 698387-09-6	2023	5 mg, 25 mg	HER2 (59 nM)	EGFR (92 nM)		
Nilotinib CAS #: 641571-10-0	1750	25 mg, 100 mg	Bcr-Abl (<30 nM)			
NVP-AEW541 CAS #: 475489-16-8	B1335	5 mg, 25 mg	IGF-IR			
NVP-BGJ398 CAS #: 872511-34-7	2855	5 mg, 25 mg	pan-FGFR kinase			
NVP-BHG712 CAS #: 940310-85-0	2464	5 mg, 25 mg	EphB4 (25 nM)	c-Raf (0.395 μ M)	c-Src (1.266 μ M)	c-Abl (1.667 μ M)
NVP-TAE684 CAS #: 761439-42-3	1683	5 mg	Anaplastic Lympho- ma Kinase (ALK) (3 nM)			
Olmutinib CAS #: 1353550-13-6	B1218	5 mg, 25 mg	EGFR			
PD 153035 Hydrochloride CAS #: 153436-54-5	1656	2 mg	EGFR (25 pM)	ErbB-4 (49 nM)		
PD 173074 CAS #: 219580-11-7	1675	1 mg	FGFR1 (21.5 nM)	VEGFR2 (100- 200 nM)		
Pelitinib (EKB-569) CAS #: 257933-82-7	2676	5 mg, 25 mg	ErbB-1, ErbB-2, ErbB-4			
PF-04554878 CAS #: 1073154-85-4	2888	5 mg, 25 mg	FAK			
PF-06463922 CAS #: 1454846-35-5	B1169	10 mg, 50 mg	ALK	ROS1		
PF299804 CAS #: 1110813-31-4	2678	5 mg, 25 mg	ErbB1 (HER1)(6 nM), ErbB2 (HER2) (46 nM), ErkB4 (HER4)(74 nM)	A431 (15 nM)		
PF-431396 CAS #: 717906-29-1	2844	5 mg, 25 mg	FAK (2 nM)	PYK2 (11 nM)		
PF-573228 CAS #: 869288-64-2	2819	10 mg, 50 mg	FAK (4 nM)	Tyr (30-100 nM)		
Piceatannol CAS #: 10083-24-6	2072	5 mg, 25 mg	Syk kinase (~10 μ M)	PKA catalytic subunit, PKC (3 μ M, 8 μ M)	MLCK (12 μ M)	CDPK (19 μ M)

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
Picropodophyllotoxin CAS #: 477-47-4	2765	1 mg, 5 mg	IGF1R (1 nM)			
PLX-3397 CAS #: 1029044-16-3	9617	10 mg, 50 mg	KIT	CSF1R	FLT3	
PND-1186 CAS #: 1061353-68-1	2823	5 mg, 25 mg	FAK (1.5 nM)			
Ponatinib CAS #: 943319-70-8	2712	10 mg, 50 mg	BCR-Abl	T315I		
Pozotinib CAS #: 1092364-38-9	9519	10 mg, 50 mg	Her1 (3 nM), HER2 (5 nM), HER4 (23 nM)			
PP1 CAS #: 172889-26-8	1927	1 mg, 5 mg	p56lck (5 nM)	p59fynT (6 nM)	Hck (20 nM)	Src (170 nM)
PP2 CAS #: 172889-27-9	1767	1 mg, 5 mg	Src (36-100 nM)	Lck (31 nM), p56lck (4 nM), p59fynT (5 nM)	RIP2 (19 nM), Hck (5 nM)	CK1δ (41 nM)
PP3 CAS #: 5334-30-5	1797	10 mg, 50 mg	Negative control for PP2	EGFR Kinase (2.7 μM)		
Quizartinib CAS #: 950769-58-1	2008	1 mg, 5 mg	FLT3-ITD (1.1 nM)	FLT3 -wt (4.2 nM)		
R428 CAS #: 950769-58-1	9591	5 mg, 25 mg	Axl (14 nM)			
Radotinib CAS #: 926037-48-1	9613	10 mg, 50 mg	BCR-Abl1			
Rebastinib (DCC-2036) CAS#: 1020172-07-9	B1619	5 mg, 25 mg	Bcr-Abl			
DiscoveryPak™ Receptor Tyrosine Kinase (RTK) Inhibitor Set CAS #: Multiple Inhibitors	K859	8 inhibitors	VEGFR-1, 2, 3, Multi- RTK, PDGFR, c-Kit, Pan ErbB, EGFR (ErbB1, ErbB2), cFMS, FGFR1, ALK5			
DiscoveryPak™ Receptor Tyrosine Kinase (RTK) Inhibitor Set CAS #: Multiple Inhibitors	K859	8 inhibitors	Tyrosine Kinase			
Regorafenib CAS #: 755037-03-7	2891	5 mg, 25 mg	c-KIT (17 nM)	VEGFR2 (40 nM)	B-Raf (69 nM)	TIE-2
Regorafenib monohydrate CAS#: 1019206-88-2	B1621	5 mg, 25 mg	tyrosine kinase			
EZSolution™ RepSox CAS #: 446859-33-2	2641	5 mg	ALK5 (TGF-β Type I receptor)			
RN486 CAS #: 1242156-23-5	9678	1 mg, 5 mg	Btk (4 nM)			

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
Saracatinib (AZD0530) CAS #: 379231-04-6	1582	5 mg, 25 mg	c-Src (2.7 nM), c-Yes/Fyn/Lyn/Blk/ Fgr/Lck (4-10 nM)	Bcr-Abl/v-Abl (30 nM)		
SB1518 (Pacritinib) CAS #: 937272-79-2	2450	1 mg, 5 mg	JAK2 (23 nM)	FLT3 (22 nM)		
SB-431542 CAS #: 301836-41-9	1674	1 mg	ALK5 (94 nM)	ALK4 (140 nM)		
EZSolution™ SB-431542 CAS #: 301836-41-9	1872	1 mg	ALK5 (94 nM)	ALK4 (140 nM)		
EZSolution™ SB-431542, Sterile-Filtered CAS #: 301836-41-9	1992	1 ml	ALK5 (94 nM)	ALK4 (140 nM)		
SB-525334 CAS #: 356559-20-1	2880	5 mg, 25 mg	ALK4 (58.5 nM)	ALK5, TGF- βRI (14.3 nM)		
EZSolution™ SB-525334 CAS #: 356559-20-1	2881	5 mg	ALK5 (TGF-β Type I receptor)			
SD208 CAS #: 627536-09-8	2885	5 mg, 25 mg	TGF-βR1 (49 nM)			
SGX-523 CAS #: 1022150-57-7	B1336	5 mg, 25 mg	Met (4 nM)			
SSR128129E CAS #: 848318-25-2	B1165	5 mg, 25 mg	FGFR			
SU 11274 CAS #: 658084-23-2	1938	5 mg, 25 mg	Met (10 -20 nM)	Fik (1.3 μM), PDGFRβ (>20 μM), c-src/ cdk2 (>10 μM), FGFR-1 (9.7 μM)	EGFR/Tie2 (>100 μM),	
SU 1498 CAS #: 168835-82-3	1836	1 mg, 5 mg	VEGFR2/Fik1 (700 nM)	PDGFR (>50 μM)	EGFR/HER2 (>100 μM)	
SU 16f CAS #: 251356-45-3	B1081	5 mg, 25 mg	PDGFRβ (10 nM)	HUVEC and NIH3T3 (0.11 μM)		
SU 6668 CAS #: 252916-29-3	1931	5 mg, 25 mg	PDGFRβ (0.06 μM)	VEGFR2 (2.43 μM)	FGFR1 (3.04 μM)	
SU-5214 CAS #: 186611-04-1	B1307	5 mg, 25 mg	Tyrosine Kinase			
SU-5402 CAS #: 215543-92-3	1645	500 μg, 1 mg	FGFR1 (0.03 μM)	VEGFR2 (0.02 μM)	PDGFRβ (0.51 μM)	
EZSolution™ SU-5402 CAS #: 215543-92-3	2017	500 μg	FGFR1 (0.03 μM)	VEGFR2 (0.02 μM)	PDGFRβ (0.51 μM)	
SU-5416 CAS #: 204005-46-9	9491	5 mg, 25 mg	VEGFR-2 (1 μM)	PDGFR (20 μM)	c-Kit (30 nM)	RET (170 nM)

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
EZSolution™ SU-5416 CAS #: 204005-46-9	9492	5 mg	VEGFR kinase			
SU-5614 CAS #: 1055412-47-9	9643	5 mg, 25 mg	FLT3			
Sunitinib Malate (Sutent) CAS #: 341031-54-7	1611	25 mg, 100 mg, 1 g	VEGFR2 (80 nM), PDGFRβ (2 nM), PDGFRα (69 nM)	FLT3-wt(250 nM), FLT3-ITD (50 nM), FLT3-Asp835 (30 nM)	CSF-1 (7 nM), CSF1R (0.012 μM)	Kit (1 - 10 nM)
EZSolution™ Sunitinib Malate CAS #: 341031-54-7	1804	25 mg	VEGFR2 (80 nM), PDGFRβ (2 nM), PDGFRα (69 nM)	FLT3-wt(250 nM), FLT3-ITD (50 nM), FLT3-Asp835 (30 nM)	CSF-1 (7 nM), CSF1R (0.012 μM)	Kit (1 - 10 nM)
Sunitinib, Free base CAS #: 557795-19-4	2097	25 mg, 100 mg, 1 g	VEGFR2 (80 nM), PDGFRβ (2 nM), PDGFRα (69 nM)	FLT3-wt(250 nM), FLT3-ITD (50 nM), FLT3-Asp835 (30 nM)	CSF-1 (7 nM), CSF1R (0.012 μM)	Kit (1 - 10 nM)
Syk Inhibitor CAS #: 622387-85-3	1983	1 mg, 5 mg	Syk (14 nM)			
TAE-226 CAS #: 761437-28-9	9436	5 mg, 25 mg	FAK	IGF-IR		
TAK 165 CAS #: 366017-09-6	1951	5 mg, 25 mg	HER2/ErbB2 (6 nM)			
Tandutinib CAS #: 387867-13-2	2024	5 mg, 25 mg	FLT3 (0.22 μM)	PDGFRβ (0.20 μM)	c-Kit (0.17 μM)	
Tie2 Kinase Inhibitor CAS #: 948557-43-5	B1338	5 mg, 25 mg	Tie2 (0.2 Mm)			
Tivantinib CAS #: 905854-02-6	B1546	5 mg, 25 mg	c-Met			
Tivozanib CAS #: 475108-18-0	B1545	5 mg, 25 mg	VEGFR-1 (30 nM), VEGFR-2 (6.5 nM), VEGFR-3 (15 nM)			
Toceranib CAS #: 356068-94-5	B1542	5 mg, 25 mg	VEGFR	FGFR1 (591 nM)	PDGFR	Kit
TP-0903 CAS #: 1341200-45-0	9590	5 mg, 25 mg	AXL (27 nM)			
TX1-85-1 CAS #: 1603845-32-4	B1313	5 mg, 25 mg	Her3			
Tyrphostin AG 1295 CAS #: 71897-07-9	1571	5 mg	PDGFR (0.3-0.5 μM)			

Inhibitor Name	Cat. No.	Size	Target 1	Target 2	Target 3	Target 4
Tyrphostin AG 490 CAS #: 133550-30-8	1570	5 mg	EGFR (0.1 µM)	ErbB2 (13.5 µM)	JAK2 (~10 µM)	
UNC-2025 CAS #: 1429881-91-3	B1262	5 mg, 25 mg	Mer (0.74 nM)	Flt3 (0.80 nM)	Axl (14 nM)	Tyro3 (17 nM)
UNC2881 CAS #: 1493764-08-1	2837	5 mg, 25 mg	Mer (22 nM)			
Vandetanib CAS #: 443913-73-3	1751	25 mg, 100 mg	"VEGFR (40 nM), VEGFR3 (110 nM) "	EGFR/HER1 (500 nM)		
Varlitinib CAS #: 845272-21-1	2656	5 mg, 25 mg	EGFR	Her-2/neu		
Vatalanib Dihydrochloride CAS #: 212141-51-0	2025	5 mg, 25 mg	VEGFR-1 (77 nM), VEGFR-2 (FLK-1/ KDR - 37 nM)	PDGFR-β (580 nM), c- KIT (730 nM)	FLT-4 (660 nM)	c-FMS (1.4 µM)
Vatalanib, Free Base CAS #: 212141-54-3	2026	5 mg, 25 mg	VEGFR-1 (77 nM), VEGFR-2 (FLK-1/ KDR - 37 nM)	PDGFR-β (580 nM), c- KIT (730 nM)	FLT-4 (660 nM)	c-FMS (1.4 µM)
WH-4-023 CAS #: 837422-57-8	2827	10 mg, 50 mg	Lck/Src (2 nM)			
WHI-P131 CAS #: 202475-60-3	1853	5 mg, 25 mg	JAK3 (78 µM)			
WP1066 CAS #: 857064-38-1	1809	5 mg, 25 mg	JAK/STAT3 (2.3 µM)			
EZSolution™ WP1066 CAS #: 857064-38-1	2546	5 mg	JAK/STAT3 (2.3 µM)			
WZ4002 CAS #: 1213269-23-8	2461	5 mg, 25 mg	EGFR (2 nM)			
XL019 CAS #: 945755-56-6	2609	5 mg, 25 mg	JAK-1, 2 ,3 (130 nM, 2 nM, 250 nM)	Tyk-2 (340 nM)		
XL-228 CAS #: 898280-07-4	2632	1 mg, 5 mg	TKI	IGF1R	Aurora kinases	FGFR1-3

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