

Tyrosine Kinase Inhibitors

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

Products Name	Cat. No.	Size	CAS No.
A 83-01	1725	1 mg	909910-43-6
EZSolution™ A83-01, Sterile-Filtered	1989	1 ml	909910-43-6
AAL-993	2740	2 mg, 10 mg	269390-77-4
ABL-001	B1949	1 mg, 5 mg	1492952-76-7
ABT-869	1615	1 mg, 5 mg	796967-16-3
AC710	2884	5 mg, 25 mg	1351522-04-7
ACTB-1003	B2016	5 mg, 25 mg	939805-30-8
ADW-742	B2197	5 mg, 25 mg	475488-23-4
AEE-788	9658	1 mg, 5 mg	497839-62-0
AG 1478	1800	5 mg, 25 mg	175178-82-2
AG-1296	2376	5 mg	146535-11-7
Altenusin, Penicillium sp.	2146	1 mg, 5 mg	31186-12-6
Altiratinib	9563	5 mg, 25 mg	1345847-93-9
AMG-208	2553	5 mg, 25 mg	1002304-34-8
AMG-47a	2825	5 mg, 25 mg	882663-88-9
AMG-925	B1959	5 mg, 25 mg	1401033-86-0
AMG-Tie2	B1612	5 mg, 25 mg	870223-96-4
Amuvatinib	9458	5 mg, 25 mg	850879-09-3
ANA-12	2878	10 mg, 50 mg	219766-25-3

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Products Name	Cat. No.	Size	CAS No.
Anlotinib, free base	B2156	5 mg, 25 mg	1058156-90-3
Anomalin A	2151	1 mg	548740-86-9
Apatinib (Free base)	B1613	5 mg, 25 mg	811803-05-1
Apatinib mesylate	B1608	5 mg, 25 mg	1218779-75-9
ASP-3026	B1296	5 mg, 25 mg	1097917-15-1
AT9283	2432	5 mg, 25 mg	896466-04-9
AV-412 tosylate	B2052	5 mg, 25 mg	451493-31-5
AVL-292 (Spebrutinib)	9413	5 mg, 25 mg	1202757-89-8
Axitinib (AG-013736)	1581	5 mg, 25 mg	319460-85-0
AZ-5104	9441	10 mg, 50 mg	1421373-98-9
AZD-3463	2371	5 mg, 25 mg	1356962-20-3
AZD-3759	9609	5 mg, 25 mg	1626387-80-1
AZD-4547	9403	5 mg, 25 mg	1035270-39-3
AZD-8931	9659	5 mg, 25 mg	848942-61-0
AZD-9291	2674	5 mg, 25 mg	1421373-65-0
AZD-9291 mesylate	B1899	5 mg, 25 mg	1421373-66-1
Bafetinib	B1172	5 mg, 25 mg	859212-16-1
BAY 43-9006	1594	25 mg, 100 mg	475207-59-1
EZSolution™ BAY 43-9006	2031	25 mg	475207-59-1
BAY 43-9006, Free base	2142	10 mg, 25 mg	284461-73-0
Bay 61-3606 Hydrochloride	1796	1 mg, 5 mg	732983-37-8
BIBF-0775	B2461	1 mg, 5 mg	334951-90-5
BIBF1120	2167	5 mg, 25 mg	928326-83-4
BIBW2992 (Tovok)	1616	1 mg, 5 mg	439081-18-2
BIBX-1382	9463	5 mg, 25 mg	196612-93-8
BLU-554	B2359	1 mg, 5 mg	1707289-21-1
BLU9931	9639	5 mg, 25 mg	1538604-68-0
BLZ-945	B1651	5 mg, 25 mg	953769-46-5
BMS-536924	B1908	1 mg, 5 mg	468740-43-4
BMS-599626	1614	1 mg, 5 mg	873837-23-1
BMS-754807	2631	1 mg, 5 mg	1001350-96-4
BMS-777607	2455	5 mg, 25 mg	1025720-94-8
BMS-794833	B2055	5 mg, 25 mg	1174046-72-0
BMX-IN-1	B1330	5 mg, 25 mg	1431525-23-3
Bosutinib (SKI-606)	1584	5 mg, 25 mg	380843-75-4
Brigatinib (AP26113)	9675	5 mg, 25 mg	1197953-54-0
Brivanib	B1325	1 mg, 5 mg	649735-46-6
Brivanib Alaninate	B1326	1 mg, 5 mg	649735-63-7
BTK Inhibitor, CNX-774	2600	5 mg, 25 mg	1202759-32-7
BTK Inhibitor, PCI-32765	2298	5 mg, 25 mg	936563-96-1
Canertinib (CI-1033, PD-183805)	1617	5 mg, 50 mg	289499-45-2
Carbozantinib	1935	5 mg, 25 mg	849217-68-1
Cediranib (AZD2171)	1613	1 mg, 5 mg	288383-20-0
CGI-1746	9647	5 mg, 25 mg	910232-84-7
CH5183284	B1649	5 mg, 25 mg	1265229-25-1
CH5424802	2867	5 mg, 25 mg	1256580-46-7

Products Name	Cat. No.	Size	CAS No.
CL-387785	2826	10 mg, 50 mg	194423-06-8
CO-1686 (Rociletinib)	2794	5 mg, 25 mg	1374640-70-6
CP-547632	B2056	500 µg, 1 mg	252003-65-9
CP-690550	1622	5 mg, 25 mg	477600-75-2
CP-724714	B1333	5 mg, 25 mg	537705-08-1
Crenolanib	9679	5 mg, 25 mg	670220-88-9
Crizotinib	1934	5 mg, 25 mg	877399-52-5
CTx-0294885	9435	5 mg, 25 mg	1439934-41-4
CUDC-101	1966	5 mg, 25 mg	1012054-59-9
CZC-8004	B1868	5 mg, 25 mg	916603-07-1
Damnacanthal	B1094	1 mg, 5 mg	477-84-9
EZSolution™ Dasatinib	2029	25 mg	302962-49-8
Dasatinib (BMS-354825, Sprycel)	1586	25 mg, 100 mg	302962-49-8
DDR1-IN-1	B1331	5 mg, 25 mg	1449685-96-4
Derazantinib (ARQ087)	B2222	1 mg, 5 mg	1234356-69-4
Dovitinib	B1614	5 mg, 25 mg	405169-16-6
Dovitinib lactate	B1615	5 mg, 25 mg	915769-50-5
EAI-045	B1274	5 mg, 25 mg	1942114-09-1
Edicotinib	B2382	1 mg, 5 mg	1142363-52-7
PathwayReady™ EGFR Signaling Inhibitor Panel	K863	14 inhibitors	Multiple
DiscoveryPak™ EGFR Tyrosine Kinase Inhibitor Set	K858	5 inhibitors	Multiple
EMD-1214063	B1297	5 mg, 25 mg	1100598-32-0
Emodin	1875	25 mg, 100 mg	518-82-1
Ensartinib	B1946	5 mg, 25 mg	1365267-27-1
Entrectinib	B1324	5 mg, 25 mg	1108743-60-7
Erdaftinib	B2458	5 mg, 25 mg	1346242-81-6
Erlotinib, Free Base	2048	100 mg, 1000 mg	183321-74-6
EW-7197	B1191	1 mg, 5 mg	1352608-82-2
FIIN-2	9577	5 mg, 25 mg	1633044-56-0
Foretinib	9476	5 mg, 25 mg	849217-64-7
Fostamatinib Disodium	1936	1 mg, 5 mg	1025687-58-4
Fruquintinib	B1979	5 mg, 25 mg	1194506-26-7
Gefitinib	1589	5 mg, 25 mg	184475-35-2
EZSolution™ Gefitinib	2030	5 mg	184475-35-2
Genistein	1533	10 mg	446-72-0
Genistin	1535	10 mg	529-59-9
Gilteritinib	B1294	5 mg, 25 mg	1254053-43-4
GNF-2	2470	5 mg, 25 mg	778270-11-4
GNF-5	B1329	5 mg, 25 mg	778277-15-9
Golvatinib	2655	5 mg, 25 mg	928037-13-2
GS-9973	2669	1 mg, 5 mg	1229208-44-9
GSK1904529A	2286	5 mg, 25 mg	1089283-49-7
GSK2256098	B1224	5 mg, 25 mg	1224887-10-8
GW2580	1740	5 mg, 25 mg	870483-87-7
EZSolution™ GW2580	2549	5 mg	870483-87-7
GW-786034	1916	5 mg, 25 mg	444731-52-6

Products Name	Cat. No.	Size	CAS No.
GW788388	2820	10 mg, 50 mg	452342-67-5
GZD824	2795	5 mg, 25 mg	1257628-77-5
H3B-6527	B1647	5 mg, 25 mg	1702259-66-2
Harmine	2561	50 mg, 250 mg	442-51-3
Herbimycin A	2748	100 µg, 1 mg	70563-58-5
Hypericin	2526	1 mg, 5 mg	548-04-9
Imatinib Mesylate (CGP-57148B, STI-571)	1625	100 mg, 1 g	220127-57-1
Imatinib, Free base	2141	100 mg, 1 g	152459-95-5
IPI-549	B1971	5 mg, 25 mg	1693758-51-8
ISCK03	B2274	5 mg, 25 mg	945526-43-2
ITD-1	2879	10 mg, 50 mg	1099644-42-4
JAK Inhibitor, Pyridone 6	2534	500 µg, 1 mg	457081-03-7
PathwayReady™ JAK/STAT Signaling Inhibitor Panel	K864	8 inhibitors	Multiple
JNJ-10198409	B1078	5 mg, 25 mg	627518-40-5
JNJ-38877605	B2063	5 mg, 25 mg	943540-75-8
Ki 8751	2677	5 mg, 25 mg	228559-41-9
KRN-633	2839	5 mg, 25 mg	286370-15-8
KW-2449 hydrochloride	B1208	5 mg, 25 mg	1000669-72-6
KX-392 dihydrochloride	B2189	5 mg, 25 mg	1038395-65-1
EZSolution™ Lapatinib Ditosylate	2807	10 mg	388082-78-8
Lapatinib Ditosylate (Tykerb, Tyverb, GW-572016)	1624	25 mg, 100 mg	388082-78-8
Lapatinib, Free base	2138	25 mg, 100 mg	231277-92-2
Lazertinib	B2348	5 mg, 25 mg	1903008-80-9
Lenvatinib	B1157	5 mg, 25 mg	417716-92-8
LFM-A13	2414	5 mg, 25 mg	244240-24-2
Linsitinib, Free base	2294	5 mg, 25 mg	867160-71-2
LY-2109761	9605	5 mg, 25 mg	700874-71-1
LY-2157299	9475	5 mg, 25 mg	700874-72-2
LY-2874455	9532	5 mg, 25 mg	1254473-64-7
LY-3200882	B2350	1 mg, 5 mg	1898283-02-7
LY364947	2646	1 mg, 5 mg	396129-53-6
Masitinib	2007	5 mg, 25 mg	790299-79-5
MK-1775	2373	5 mg, 25 mg	955365-80-7
Motesanib	2022	5 mg, 25 mg	453562-69-1
Motesanib diphosphate	B2196	5 mg, 25 mg	857876-30-3
MTX-211	B1968	5 mg, 25 mg	1952236-05-3
Naquotinib	B1317	5 mg, 25 mg	448232-80-1
Neratinib	2023	5 mg, 25 mg	698387-09-6
Nilotinib	1750	25 mg, 100 mg	641571-10-0
1-NM-PP1	B2346	1 mg, 5 mg	221244-14-0
NVP-AEW541	B1335	5 mg, 25 mg	475489-16-8
NVP-BGJ398	2855	5 mg, 25 mg	872511-34-7
NVP-BHG712	2464	5 mg, 25 mg	940310-85-0
NVP-TAE684	1683	5 mg	761439-42-3
Olmutinib	B1218	5 mg, 25 mg	1353550-13-6
OSI-420	B2201	1 mg, 5 mg	183320-51-6

Products Name	Cat. No.	Size	CAS No.
PD 153035 Hydrochloride	1656	2 mg	153436-54-5
PD 173074	1675	1 mg	219580-11-7
PD-166285 dihydrochloride	B2094	5 mg, 25 mg	212391-63-4
PD-166866	B2223	5 mg, 25 mg	192705-79-6
PD-168393	B2352	5 mg, 25 mg	194423-15-9
Pelitinib (EKB-569)	2676	5 mg, 25 mg	257933-82-7
PF-04217903	B2062	5 mg, 25 mg	956905-27-4
PF-04554878	2888	5 mg, 25 mg	1073154-85-4
PF-06463922	B1169	10 mg, 50 mg	1454846-35-5
PF299804	2678	5 mg, 25 mg	1110813-31-4
PF-431396	2844	5 mg, 25 mg	717906-29-1
PF-573228	2819	10 mg, 50 mg	869288-64-2
PHA-665752	B2057	5 mg, 25 mg	477575-56-7
Piceatannol	2072	5 mg, 25 mg	10083-24-6
Picropodophyllotoxin	2765	1 mg, 5 mg	477-47-4
PLX-3397	9617	10 mg, 50 mg	1029044-16-3
PND-1186	2823	5 mg, 25 mg	1061353-68-1
Ponatinib	2712	10 mg, 50 mg	943319-70-8
Pozotinib	9519	10 mg, 50 mg	1092364-38-9
PP1	1927	1 mg, 5 mg	172889-26-8
PP2	1767	1 mg, 5 mg	172889-27-9
PP3	1797	10 mg, 50 mg	5334-30-5
Quizartinib	2008	1 mg, 5 mg	950769-58-1
R428	9591	5 mg, 25 mg	1037624-75-1
Radotinib	9613	10 mg, 50 mg	926037-48-1
Rebastinib (DCC-2036)	B1619	5 mg, 25 mg	1020172-07-9
DiscoveryPak™ Receptor Tyrosine Kinase (RTK) Inhibitor Set	K859	8 inhibitors	Multiple
Regorafenib	2891	5 mg, 25 mg	755037-03-7
Regorafenib monohydrate	B1621	5 mg, 25 mg	1019206-88-2
EZSolution™ RepSox	2641	5 mg	446859-33-2
RN486	9678	1 mg, 5 mg	1242156-23-5
Saracatinib (AZD0530)	1582	5 mg, 25 mg	379231-04-6
SB1518 (Pacritinib)	2450	1 mg, 5 mg	937272-79-2
SB-431542	1674	1 mg, 5 mg	301836-41-9
EZSolution™ SB-431542	1872	1 mg	301836-41-9
EZSolution™ SB-431542, Sterile-Filtered	1992	1 ml	301836-41-9
SB-525334	2880	5 mg, 25 mg	356559-20-1
EZSolution™ SB-525334	2881	5 mg	356559-20-1
SD208	2885	5 mg, 25 mg	627536-09-8
SGX-523	B1336	5 mg, 25 mg	1022150-57-7
SSR128129E	B1165	5 mg, 25 mg	848318-25-2
STK-321130	B2006	5 mg, 25 mg	923562-23-6
SU 11274	1938	5 mg, 25 mg	658084-23-2
SU 1498	1836	1 mg, 5 mg	
SU 16f	B1081	5 mg, 25 mg	251356-45-3
SU 6668	1931	5 mg, 25 mg	252916-29-3

Products Name	Cat. No.	Size	CAS No.
SU-5214	B1307	5 mg, 25 mg	186611-04-1
SU-5402	1645	500 µg, 1 mg	215543-92-3
EZSolution™ SU-5402	2017	500 µg	215543-92-3
SU-5416	9491	5 mg, 25 mg	204005-46-9
EZSolution™ SU-5416	9492	5 mg	204005-46-9
SU-5614	9643	5 mg, 25 mg	1055412-47-9
SU-6656	B2334	5 mg, 25 mg	330161-87-0
EZSolution™ Sunitinib Malate	1804	25 mg	341031-54-7
Sunitinib Malate (Sutent)	1611	25 mg, 1 g	341031-54-7
Sunitinib, Free base	2097	25 mg, 100 mg	557795-19-4
Syk Inhibitor	1983	1 mg, 5 mg	622387-85-3
TAE-226	9436	5 mg, 25 mg	761437-28-9
TAK 165	1951	5 mg, 25 mg	366017-09-6
Tandutinib	2024	5 mg, 25 mg	387867-13-2
TAS-120	B2354	5 mg, 25 mg	1448169-71-8
Telatinib	B2054	5 mg, 25 mg	332012-40-5
Tie2 Kinase Inhibitor	B1338	5 mg, 25 mg	948557-43-5
Tivantinib	B1546	5 mg, 25 mg	905854-02-6
Tivozanib	B1545	5 mg, 25 mg	475108-18-0
Toceranib	B1542	5 mg, 25 mg	356068-94-5
TP-0903	9590	5 mg, 25 mg	1341200-45-0
TX1-85-1	B1313	5 mg, 25 mg	1603845-32-4
Tyrphostin AG 1295	1571	5 mg	71897-07-9
Tyrphostin AG 490	1570	5 mg	133550-30-8
UNC-2025	B1262	5 mg, 25 mg	1429881-91-3
UNC2881	2837	5 mg, 25 mg	1493764-08-1
Vandetanib	1751	25 mg, 100 mg	443913-73-3
Varlitinib	2656	5 mg, 25 mg	845272-21-1
Vatalanib Dihydrochloride	2025	5 mg, 25 mg	212141-51-0
Vatalanib, Free Base	2026	5 mg, 25 mg	212141-54-3
WH-4-023	2827	10 mg, 50 mg	837422-57-8
WHI-P131	1853	5 mg, 25 mg	202475-60-3
EZSolution™ WP1066	2546	5 mg	857064-38-1
WZ-3146	B2206	1 mg, 5 mg	1214265-56-1
WZ4002	2461	5 mg, 25 mg	1213269-23-8
WZ-8040	B2205	5 mg, 25 mg	1214265-57-2
XL019	2609	5 mg, 25 mg	945755-56-6
XL-228	2632	1 mg, 5 mg	898280-07-4
XL-647	B2204	1 mg, 5 mg	781613-23-8

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