

# Aurora Kinase Inhibitors

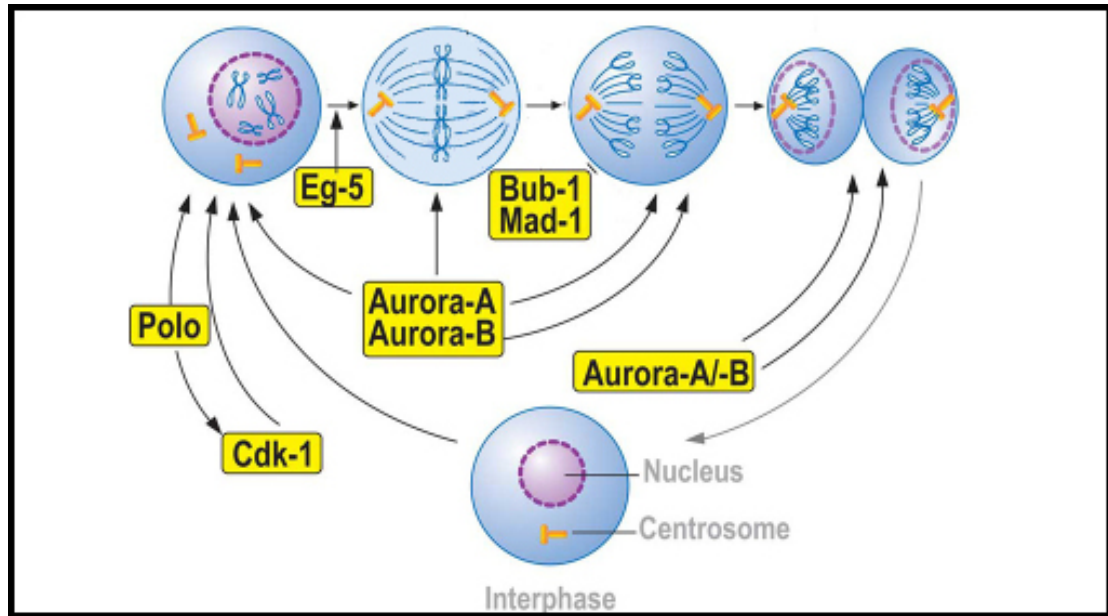


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Aurora kinases are a highly conserved family of enzymes that add phospho-groups to Serine/Threonine residues of substrate proteins functioning in chromatid segregation during cell division. The human aurora kinase family comprises three members: Aurora A, B and C (AURKA, AURKB and AURKC). Aurora A is important in centrosome function and duplication, mitotic entry and bipolar spindle assembly. Aurora B is the catalytic component of the chromosomal passenger complex which coordinates events during segregation of the chromatids during mitosis, histone modification (epigenetic regulation) and cytokinesis. Aurora C is expressed in testes cells and is believed to be important for chromosome segregation during meiosis. The involvement of these kinases in cell division and deregulated expression of aurora A and B in tumor cells (often resulting in genetic aberrations and thus leading to malignancy) together provided the incentive to identify and test small-molecule inhibitors of these kinases. Many of these inhibitors are undergoing preclinical and clinical trials: MK-0457 (VX-680), AZD1152-HQPA, PHA-739358. MLN8054 was the first orally administered Aurora A kinase selective inhibitor to be tested in human clinical trials for the treatment of colorectal cancer. BioVision proudly offers >25 aurora kinase inhibitors including the ones mentioned above and more.

## Aurora Kinase Inhibitors

Product Name	Cat. No.	Size	CAS. No.
AMG-900	B1343	5 mg, 25 mg	945595-80-2
AT9283	2432	5 mg, 25 mg	896466-04-9
Aurora Kinase B Inhibitor (AZD1152-HQPA)	1583	5 mg, 25 mg	722544-51-6
CCT-129202	B1934	1 mg, 5 mg	942947-93-5
CCT-137690	B1935	5 mg, 25 mg	1095382-05-0
CCT-241736	B2370	5 mg, 25 mg	1402709-93-6
CYC-116	B1936	5 mg, 25 mg	693228-63-6
Danusertib	B1937	5 mg, 25 mg	827318-97-8
ENMD-2076	B1938	5 mg, 25 mg	934353-76-1

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Product Name	Cat. No.	Size	CAS. No.
GSK-1070916	B1939	5 mg, 25 mg	942918-07-2
Hesperadin	B1940	5 mg, 25 mg	422513-13-1
JNJ-7706621	B1941	1 mg, 5 mg	443797-96-4
MK-5108	B1344	5 mg, 25 mg	1010085-13-8
MK-8745	B1942	5 mg, 25 mg	885325-71-3
MLN-8054	B1943	5 mg, 25 mg	869363-13-3
MLN8237	2718	5 mg, 25 mg	1028486-01-2
PF-03814735	B1257	5 mg, 25 mg	942487-16-3
PHA-680632	B1944	5 mg, 25 mg	398493-79-3
Reversine	1851	1 mg, 5 mg	656820-32-5
SCH-58261	B1638	5 mg, 25 mg	160098-96-4
SNS-314	2446	5 mg, 25 mg	1057249-41-8
TAK-901	B1945	5 mg, 25 mg	934541-31-8
TC-S 7010	B1203	5 mg, 25 mg	1158838-45-9
EZSolution™ Tozasertib	1803	25 mg	639089-54-6
Tozasertib (VX-680, MK-0457, VX6)	1595	25 mg, 100 mg	639089-54-6
Tripolin A	2307	1 mg, 5 mg	1148118-92-6
ZM 447439	2018	1 mg, 5 mg	331771-20-1

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