



Product Information

Aurora kinase inhibitor SNS-314, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ485

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

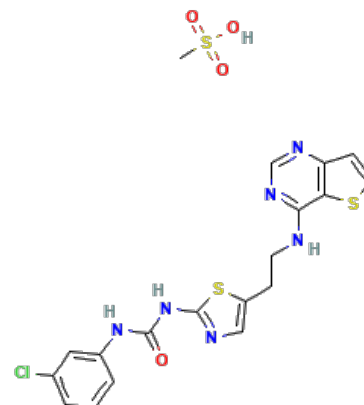
CAS Number: 1146618-41-8

Compound CID: 24995523

Synonym: SNS-314 Mesylate; 1146618-41-8; SNS 314 mesylate; SNS-314

(mesylate); KGW32FDY3U; 1-(3-Chlorophenyl)-3-[5-[2-(thieno[3,2-d]pyrimidin-4-ylamino)ethyl]-1,3-thiazol-2-yl]urea; Methanesulfonic acid; Aurora kinase inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	SNS-314, soluble in warmed DMSO and warmed ethanol and insoluble in water, is an Aurora kinase inhibitor that disrupts cell division processes. It targets Aurora A, Aurora B, and Aurora C.
Molecular Weight	527
Molecular Formula	$C_{18}H_{15}ClN_6OS_2 \cdot CH_4O_3S$
Targets	Aurora A: 9 nM; Aurora B: 31 nM; Aurora C: 3 nM
IUPAC Name	1-(3-Chlorophenyl)-3-[5-[2-(thieno[3,2-d]pyrimidin-4-ylamino)ethyl]-1,3-thiazol-2-yl]urea;methanesulfonic acid
InChI	InChI=1S/C18H15ClN6OS2.CH4O3S/c19-11-2-1-3-12(8-11)24-17(26)25-18-21-9-13(28-18)4-6-20-16-15-14(5-7-27-15)22-10-23-16;1-5(2,3)4/h1-3,5,7-10H,4,6H2,(H,20,22,23)(H2,21,24,25,26);1H3,(H,2,3,4)
InChI Key	FYCODPVDEFFWSR-UHFFFAOYSA-N
Canonical SMILES	<chem>CS(=O)(=O)O.C1=CC(=CC(=C1)Cl)NC(=O)NC2=NC=C(S2)CCNC3=NC=NC4=C3SC=C4</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	Warmed DMSO: 80 mg/mL (151.79 mM); Water: Insoluble; Warmed ethanol: 1 mg/mL (1.89 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	SNS-314 can be used to research the triple inhibition of Aurora kinases A, B, and C in oncology.
Storage	Store at -20°C .



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