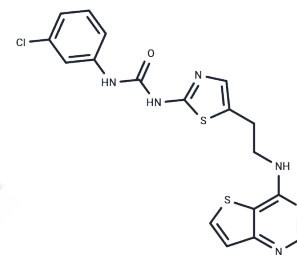


SNS-314

Chemical Properties

CAS No. : 1057249-41-8
 Formula: C₁₈H₁₅ClN₆O₂
 Molecular Weight: 430.93
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	SNS-314, a synthetic small molecule Aurora kinase (AK) inhibitor with potential antineoplastic activity, selectively binds and inhibits AKs A and B, resulting in the inhibition of cell division and proliferation in tumor cells that overexpress AKs.
Targets(IC50)	Others,Aurora Kinase

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3206 mL	11.6028 mL	23.2056 mL
5 mM	0.4641 mL	2.3206 mL	4.6411 mL
10 mM	0.2321 mL	1.1603 mL	2.3206 mL
50 mM	0.0464 mL	0.2321 mL	0.4641 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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