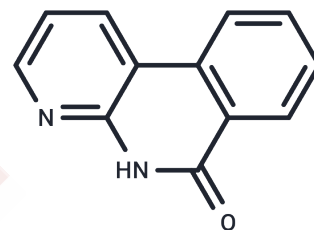


XU1

Chemical Properties

CAS No. : 53439-81-9
 Formula: C₁₂H₈N₂O
 Molecular Weight: 196.2
 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	XU1 (Benzo[c][1,8]naphthyridin-6(5h)-One) is an Aurora protein kinase inhibitor used for the treatment of diseases suitable for inhibition, regulation or modulation of kinase signaling.
Targets(IC50)	Aurora Kinase, Adenosine Receptor, PARP

Solubility Information

Solubility	DMSO: 3.85 mg/mL (19.62 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0968 mL	25.4842 mL	50.9684 mL
5 mM	1.0194 mL	5.0968 mL	10.1937 mL
10 mM	0.5097 mL	2.5484 mL	5.0968 mL
50 mM	0.1019 mL	0.5097 mL	1.0194 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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