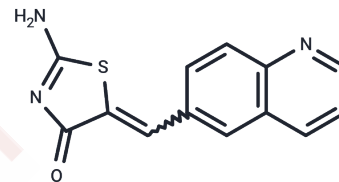


PI3K-IN-46

Chemical Properties

CAS No. : 304645-61-2
 Formula: C₁₃H₉N₃O₂
 Molecular Weight: 255.3
 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	PI3K-IN-46 is a specific inhibitor of PI3K.
Targets(IC50)	PI3K

Solubility Information

Solubility	DMSO: 2.56 mg/mL (10.03 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	3.917 mL	19.5848 mL	39.1696 mL
5 mM	0.7834 mL	3.917 mL	7.8339 mL
10 mM	0.3917 mL	1.9585 mL	3.917 mL
50 mM	0.0783 mL	0.3917 mL	0.7834 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

Chen S, et al. Synthesis and activity of quinolinyl-methylene-thiazolinones as potent and selective cyclin-dependent kinase 1 inhibitors. *Bioorg Med Chem Lett.* 2007 Apr 15;17(8):2134-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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