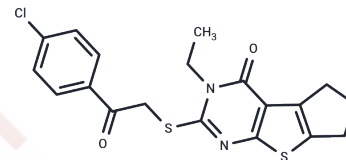


WAY-313170

Chemical Properties

CAS No. : 314041-83-3
 Formula: C₁₉H₁₇ClN₂O₂S₂
 Molecular Weight: 404.93
 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	WAY-313170 Inhibits hedgehog signaling and phosphodiesterase.
Targets(IC50)	Hedgehog/Smoothened,PDE

Solubility Information

Solubility	DMSO: 2.02 mg/mL (4.99 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	2.4696 mL	12.3478 mL	24.6956 mL
5 mM	0.4939 mL	2.4696 mL	4.9391 mL
10 mM	0.247 mL	1.2348 mL	2.4696 mL
50 mM	0.0494 mL	0.247 mL	0.4939 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

HONG CHARLES C, et al. Compounds and methods for inhibition of hedgehog signaling and phosphodiesterase. US10329304B2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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