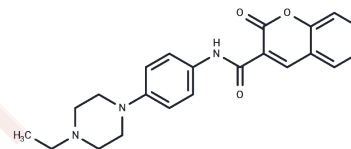


WIC1

Chemical Properties

CAS No. : 943083-58-7
 Formula: C₂₂H₂₃N₃O₃
 Molecular Weight: 377.44
 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	WIC1 is a potent Wnt inhibitor. WIC1 can be used in cancer research
Targets(IC50)	Wnt/beta-catenin

Solubility Information

Solubility	DMSO: 0.7 mg/mL (1.85 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	2.6494 mL	13.2471 mL	26.4943 mL
5 mM	0.5299 mL	2.6494 mL	5.2989 mL
10 mM	0.2649 mL	1.3247 mL	2.6494 mL
50 mM	0.053 mL	0.2649 mL	0.5299 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

Aros CJ, et al. High-Throughput Drug Screening Identifies a Potent Wnt Inhibitor that Promotes Airway Basal Stem Cell Homeostasis. Cell Rep. 2020;30(7):2055-2064.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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