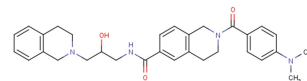


DW14800

Chemical Properties

CAS No.: 2243709-60-4
Formula: C₃₁H₃₆N₄O₃
Molecular Weight: 512.64
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DW14800 reduces H4R3me2s levels and enhances the transcription of HNF4 α , but does not alter PRMT5 expression. Anti-cancer activity. DW14800 is a protein arginine methyltransferase 5 (PRMT5) inhibitor, with an IC ₅₀ of 17 nM.
Targets(IC ₅₀)	PRMT5: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.951 mL	9.753 mL	19.507 mL
5 mM	0.39 mL	1.951 mL	3.901 mL
10 mM	0.195 mL	0.975 mL	1.951 mL
50 mM	0.039 mL	0.195 mL	0.39 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Zheng BN, et al. Targeting PRMT5 Activity Inhibits the Malignancy of Hepatocellular Carcinoma by Promoting the Transcription of HNF4 α . *Theranostics*. 2019 Apr 13;9(9):2606-2617.

Inhibitors · Natural Compounds · Compound Libraries

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