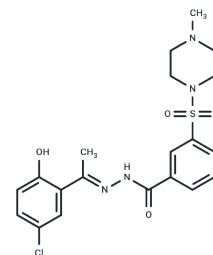


Seclidemstat

Chemical Properties

CAS No. : 1423715-37-0
 Formula: C₂₀H₂₃ClN₄O₄S
 Molecular Weight: 450.94
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Seclidemstat (SP-2577) is an effective LSD1 inhibitor, with a mean IC ₅₀ of 127 nM.
Targets(IC ₅₀)	Histone Demethylase

Solubility Information

Solubility	H ₂ O: < 0.1 mg/mL (insoluble), DMSO: 100 mg/mL (221.76 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	2.2176 mL	11.0879 mL	22.1759 mL
5 mM	0.4435 mL	2.2176 mL	4.4352 mL
10 mM	0.2218 mL	1.1088 mL	2.2176 mL
50 mM	0.0444 mL	0.2218 mL	0.4435 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.

Reference

SUBSTITUTED BENZOHYDRAZIDE ANALOGS AS HISTONE DEMETHYLASE INHIBITORS. WO/2017/004519 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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