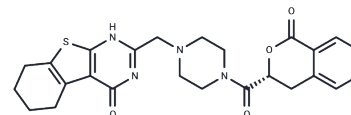


LEM-14

Chemical Properties

CAS No. : 1814881-70-3
 Formula: C₂₅H₂₆N₄O₄S
 Molecular Weight: 478.56
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LEM-14 is a potent NSD2-specific inhibitor (IC ₅₀ :132 μM).LEM-14 may be used in the study of multiple myeloma.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 45.0 mg/mL (94.0 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	2.0896 mL	10.448 mL	20.896 mL
5 mM	0.4179 mL	2.0896 mL	4.1792 mL
10 mM	0.209 mL	1.0448 mL	2.0896 mL
50 mM	0.0418 mL	0.209 mL	0.4179 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

Shen Y, et al. Identification of LEM-14 inhibitor of the oncoprotein NSD2. Biochem Biophys Res Commun. 2019 ; 508 (1):102-108.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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