

UNC1079

Chemical Properties

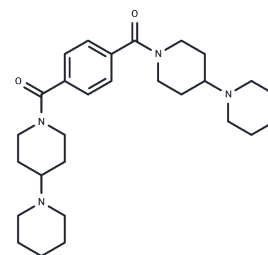
CAS No. : 1418741-86-2

Formula: C₂₈H₄₂N₄O₂

Molecular Weight: 466.66

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	UNC1079 is an selective L3MBTL3 domain inhibitor
Targets(IC50)	Others,Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 4.67 mg/mL (10.01 mM),Sonication is recommended. H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1429 mL	10.7144 mL	21.4289 mL
5 mM	0.4286 mL	2.1429 mL	4.2858 mL
10 mM	0.2143 mL	1.0714 mL	2.1429 mL
50 mM	0.0429 mL	0.2143 mL	0.4286 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

James LI, et al. Discovery of a chemical probe for the L3MBTL3 methyllysine reader domain. Nat Chem Biol. 2013 Mar;9(3):184-91.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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