

Methyltetrazine-propylamine

Chemical Properties

CAS No. : 1802978-47-7

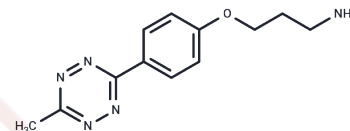
Formula: C₁₂H₁₅N₅O

Molecular Weight: 245.28

Keep away from direct sunlight

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	Methyltetrazine-propylamine, an alkyl chain-based PROTAC linker, is utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. Using the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.077 mL	20.3849 mL	40.7697 mL
5 mM	0.8154 mL	4.077 mL	8.1539 mL
10 mM	0.4077 mL	2.0385 mL	4.077 mL
50 mM	0.0815 mL	0.4077 mL	0.8154 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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