

Methyltetrazine-PEG24-amine

Chemical Properties

CAS No. : 2353410-18-9

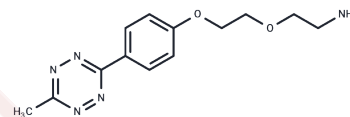
Formula: C13H17N5O2

Molecular Weight: 275.312

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-PEG24-amine, a PEG-conjugated PROTAC linker, is used for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize intracellular ubiquitin-proteasome pathways to selectively degrade target proteins by featuring two distinct ligands linked together; one ligand engages an E3 ubiquitin ligase while the other targets the specific protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6323 mL	18.1613 mL	36.3227 mL
5 mM	0.7265 mL	3.6323 mL	7.2645 mL
10 mM	0.3632 mL	1.8161 mL	3.6323 mL
50 mM	0.0726 mL	0.3632 mL	0.7265 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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