

Methyltetrazine-PEG5-NHS ester

Chemical Properties

CAS No. : 1802907-92-1

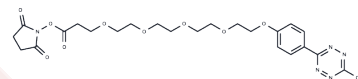
Formula: C₂₄H₃₁N₅O₉

Molecular Weight: 533.53

Store at low temperature

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-PEG5-NHS ester is a PROTAC linker belonging to the group of PEGs and is used for the synthesis of PROTAC molecules.
Targets(IC50)	PROTAC Linker
In vitro	Methyltetrazine-PEG5-NHS ester is a PROTAC linker and belongs to the PEG class. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins. PROTACs contain two different ligands linked by linkers: one for the target protein and the other for E3 ubiquitin ligase. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8743 mL	9.3715 mL	18.7431 mL
5 mM	0.3749 mL	1.8743 mL	3.7486 mL
10 mM	0.1874 mL	0.9372 mL	1.8743 mL
50 mM	0.0375 mL	0.1874 mL	0.3749 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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