Data Sheet (Cat.No.T18339)

TargetMol®
YOUR TARGET MOLECULES

Methyltetrazine-PEG13-acid

Chemical Properties

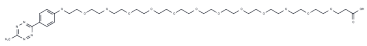
CAS No. :

Formula: C36H60N4O15

Molecular Weight: 788.88

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Methyltetrazine-PEG13-acid is a PEGylated linker derived from PEG that serves as a valuable component in the production of PROTACs, a class of compounds known for their targeted protein degradation properties[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2676 mL	6.3381 mL	12.6762 mL
5 mM	0.2535 mL	1.2676 mL	2.5352 mL
10 mM	0.1268 mL	0.6338 mL	1.2676 mL
50 mM	0.0254 mL	0.1268 mL	0.2535 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

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

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