Data Sheet (Cat.No.T17160)

TargetMol®
YOUR TARGET MOLECULES

Tri(Amino-PEG5-amide)-amine

Chemical Properties

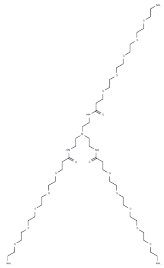
CAS No. : 2055013-52-8

Formula: C45H93N7O18

Molecular Weight: 1020.26

Appearance: no data available

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



Biological Description

Description	Tri(Amino-PEG5-amide)-amine is a polyethylene glycol (PEG) derivative serving as a PEG-based proteolysis targeting chimera (PROTAC) linker, facilitating the synthesis of PROTACs[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	0.9801 mL	4.9007 mL	9.8014 mL
5 mM	0.196 mL	0.9801 mL	1.9603 mL
10 mM	0.098 mL	0.4901 mL	0.9801 mL
50 mM	0.0196 mL	0.098 mL	0.196 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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