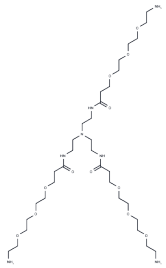
Data Sheet (Cat.No.T18857)

TargetMol
YOUR TARGET MOLECULES

Tri(Amino-PEG3-amide)-amine

Chemical Properties



CAS No. : T18857

Formula: C33H69N7O12

Molecular Weight: 755.94

Appearance: no data available

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

Biological Description

Description	Tri(Amino-PEG3-amide)-amine is a polyethylene glycol (PEG)-derived linker employed for the synthesis of proteolysis-targeting chimeric molecules (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	1.3229 mL	6.6143 mL	13.2286 mL
5 mM	0.2646 mL	1.3229 mL	2.6457 mL
10 mM	0.1323 mL	0.6614 mL	1.3229 mL
50 mM	0.0265 mL	0.1323 mL	0.2646 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481