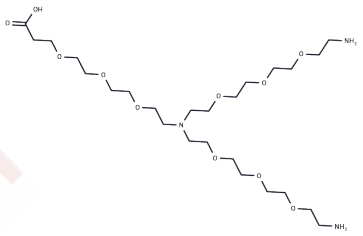
Data Sheet (Cat.No.T16245)

TargetMol

N-(PEG3-acid)-N-bis(PEG3-amine)

Chemical Properties



CAS No. : 2183440-35-7

Formula: C25H53N3O11

Molecular Weight: 571.7

Storage: Keep away from direct sunlight
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	N-(PEG3-acid)-N-bis(PEG3-amine) is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker–one targeting an E3 ubiquitin ligase and the other the target protein–utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7492 mL	8.7458 mL	17.4917 mL
5 mM	0.3498 mL	1.7492 mL	3.4983 mL
10 mM	0.1749 mL	0.8746 mL	1.7492 mL
50 mM	0.035 mL	0.1749 mL	0.3498 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481