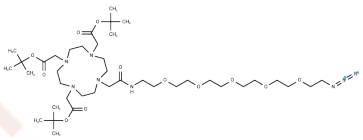
Data Sheet (Cat.No.T17846)

TargetMol

DOTA-(t-butyl)3-PEG5-azide

Chemical Properties



CAS No. :

Formula: C40H76N8O12

Molecular Weight: 861.08

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	DOTA-(t-butyl)3-PEG5-azide is a polyethylene glycol (PEG)-derived linker specifically designed for the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. These compounds harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1613 mL	5.8067 mL	11.6133 mL
5 mM	0.2323 mL	1.1613 mL	2.3227 mL
10 mM	0.1161 mL	0.5807 mL	1.1613 mL
50 mM	0.0232 mL	0.1161 mL	0.2323 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