Data Sheet (Cat.No.T17458)

TargetMol
YOUR TARGET MOLECULES

Azide-PEG-amine (MW 3500)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance: no data available

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

Biological Description

Description	Azide-PEG-amine (MW 3500) is a polyethylene glycol (PEG) derived linker compound, specifically designed 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].

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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