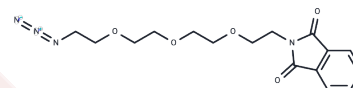


Phthalamide-PEG3-azide

Chemical Properties

CAS No. :	134179-44-5
Formula:	C16H20N4O5
Molecular Weight:	348.35
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Phthalamide-PEG3-azide is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands linked together—one for an E3 ubiquitin ligase and the other for a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8707 mL	14.3534 mL	28.7068 mL
5 mM	0.5741 mL	2.8707 mL	5.7414 mL
10 mM	0.2871 mL	1.4353 mL	2.8707 mL
50 mM	0.0574 mL	0.2871 mL	0.5741 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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