

Azido-PEG11-alcohol

Chemical Properties

CAS No. : 2252392-53-1

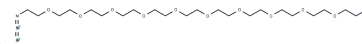
Formula: C₂₂H₄₅N₃O₁₁

Molecular Weight: 527.61

Keep away from direct sunlight

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Azido-PEG11-alcohol, a PEG-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8953 mL	9.4767 mL	18.9534 mL
5 mM	0.3791 mL	1.8953 mL	3.7907 mL
10 mM	0.1895 mL	0.9477 mL	1.8953 mL
50 mM	0.0379 mL	0.1895 mL	0.3791 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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