

Benzyl-PEG2-azide

Chemical Properties

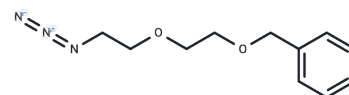
CAS No. : 1260001-87-3

Formula: C₁₁H₁₅N₃O₂

Molecular Weight: 221.26

Appearance: no data available

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



Biological Description

Description	Benzyl-PEG2-azide is a PEG-based PROTAC linker can be used in the synthesis of PROTACs.
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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5196 mL	22.5978 mL	45.1957 mL
5 mM	0.9039 mL	4.5196 mL	9.0391 mL
10 mM	0.452 mL	2.2598 mL	4.5196 mL
50 mM	0.0904 mL	0.452 mL	0.9039 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.

Reference

Steinebach C, et al. A MedChem toolbox for cereblon-directed PROTACs. Medchemcomm. 2019 May 28;10(6):1037-1041.

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