

Benzyl-PEG2-azide

Chemical Properties

CAS No. : 1260001-87-3

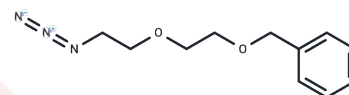
Formula: C₁₁H₁₅N₃O₂

Molecular Weight: 221.26

Keep away from direct sunlight

Storage: 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	Benzyl-PEG2-azide, a PEG-based PROTAC linker, is utilized in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system for the selective degradation of 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.

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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481