

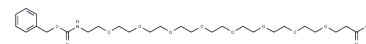
Cbz-NH-PEG8-C2-acid

Chemical Properties

CAS No. : 1334177-87-5

Formula: C₂₇H₄₅N₁O₁₂

Molecular Weight: 575.65



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	Cbz-NH-PEG8-C2-acid is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand 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	1.7372 mL	8.6858 mL	17.3717 mL
5 mM	0.3474 mL	1.7372 mL	3.4743 mL
10 mM	0.1737 mL	0.8686 mL	1.7372 mL
50 mM	0.0347 mL	0.1737 mL	0.3474 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

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