

Boc-NH-PEG24-CH₂CH₂COOH

Chemical Properties

CAS No. :

Formula: C₅₆H₁₁₁N₂O₈

Molecular Weight: 1246.47

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	Boc-NH-PEG24-CH ₂ CH ₂ COOH is a polyethylene glycol (PEG)-based linker used in the synthesis of PROTAC (Proteolysis-Targeting Chimeras) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8023 mL	4.0113 mL	8.0227 mL
5 mM	0.1605 mL	0.8023 mL	1.6045 mL
10 mM	0.0802 mL	0.4011 mL	0.8023 mL
50 mM	0.016 mL	0.0802 mL	0.1605 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