

Methylamino-PEG3-t-butyl ester

Chemical Properties

CAS No. : 217817-03-3

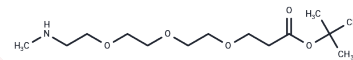
Formula: C₁₄H₂₉N₁O₅

Molecular Weight: 291.388

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	Methylamino-PEG3-t-butyl ester is a PEG-based linker compound used in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are molecules composed of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4318 mL	17.1591 mL	34.3183 mL
5 mM	0.6864 mL	3.4318 mL	6.8637 mL
10 mM	0.3432 mL	1.7159 mL	3.4318 mL
50 mM	0.0686 mL	0.3432 mL	0.6864 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