

Pentaethylene glycol monomethyl ether

Chemical Properties

CAS No. : 23778-52-1

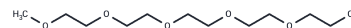
Formula: C₁₁H₂₄O₆

Molecular Weight: 252.3

Storage: Keep away from direct sunlight

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	Pentaethylene glycol monomethyl ether (PEG-MME) is a PEG-based PROTAC linker, which is employed for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other binds 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	3.9635 mL	19.8177 mL	39.6354 mL
5 mM	0.7927 mL	3.9635 mL	7.9271 mL
10 mM	0.3964 mL	1.9818 mL	3.9635 mL
50 mM	0.0793 mL	0.3964 mL	0.7927 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

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