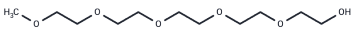
# Data Sheet (Cat.No.T16467)

TargetMol

## Pentaethylene glycol monomethyl ether

### Chemical Properties



CAS No. : 23778-52-1

Formula: C11H24O6

Molecular Weight: 252.305

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 | 3.9634 mL | 19.8169 mL | 39.6338 mL |
| 5 mM | 0.7927 mL | 3.9634 mL | 7.9268 mL |
| 10 mM | 0.3963 mL | 1.9817 mL | 3.9634 mL |
| 50 mM | 0.0793 mL | 0.3963 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

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