

m-PEG-OH (MW 2000)

Chemical Properties

CAS No. : 9004-74-4

Formula:

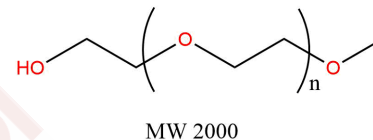
Molecular Weight:

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	m-PEG-OH (MW 2000) is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands to form PROTAC molecules, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs employ two distinct ligands connected by a linker: one targeting an E3 ubiquitin ligase and the other the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

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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