

m-PEG-mal (MW 20000)

**Chemical Properties**

CAS No. :

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-mal (MW 20000) is a PEG-based linker for PROTACs, joining two essential ligands to form PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively induce the degradation of these 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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