

## Amine-PEG-thiol (MW 5000)

## 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	Amine-PEG-thiol (MW 5000) is a polyethylene glycol (PEG)-based PROTAC linker primarily used for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two different ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase, and the other targets a specific protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs 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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