

## Amine-PEG-amine (MW 2000)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: 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-amine (MW 2000) is a polyethylene glycol (PEG) derivative used as a linker in PROTAC synthesis, facilitating targeted protein degradation [1].
Targets(IC50)	Others
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand for an E3 ubiquitin ligase and the other for the target 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481