

## Amino-PEG12-amine

## Chemical Properties

CAS No. : 361543-12-6

Formula: C<sub>26</sub>H<sub>56</sub>N<sub>2</sub>O<sub>12</sub>

Molecular Weight: 588.73

Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Amino-PEG12-amine (H <sub>2</sub> N-PEG12-CH <sub>2</sub> CH <sub>2</sub> NH <sub>2</sub> ) is a PEG-based PROTAC linker that can be used in PROTAC synthesis.
Targets(IC <sub>50</sub> )	PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6986 mL	8.4929 mL	16.9857 mL
5 mM	0.3397 mL	1.6986 mL	3.3971 mL
10 mM	0.1699 mL	0.8493 mL	1.6986 mL
50 mM	0.034 mL	0.1699 mL	0.3397 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481