

Acrylate-PEG-NH2 (MW 10000)

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No.:          | T17358   |
| Formula:          | N/A  |
| Molecular Weight: | N/A  |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

## Biological Description

|                            |   |
|----------------------------|---|
| Description                | Acrylate-PEG-NH2 (MW 10000) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].   |
| Targets(IC <sub>50</sub> ) | PEGs: None  |
| In vitro                   | PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

## Solubility Information

|            |   |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. 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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