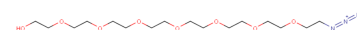


## Azide-PEG8-alcohol

## Chemical Properties

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| CAS No.:          | 352439-36-2                                                            |
| Formula:          | C <sub>16</sub> H <sub>33</sub> N <sub>3</sub> O <sub>8</sub>          |
| Molecular Weight: | 395.45                                                                 |
| Appearance:       | N/A                                                                    |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



## Biological Description

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                | Azide-PEG8-alcohol 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 |
|------------|---------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg      |
|-------|----------|-----------|-----------|
| 1 mM  | 2.529 mL | 12.644 mL | 25.288 mL |
| 5 mM  | 0.506 mL | 2.529 mL  | 5.058 mL  |
| 10 mM | 0.253 mL | 1.264 mL  | 2.529 mL  |
| 50 mM | 0.051 mL | 0.253 mL  | 0.506 mL  |

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

Inhibitors · Natural Compounds · Compound Libraries

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