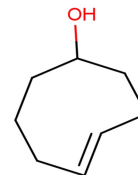


TCO-OH

## Chemical Properties

CAS No.: 85081-69-2  
Formula: C<sub>8</sub>H<sub>14</sub>O  
Molecular Weight: 126.2  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                | TCO-OH is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[1].                                                                                                                                                             |
| Targets(IC <sub>50</sub> ) | Alkyl-Chain: 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  | 7.924 mL | 39.62 mL | 79.239 mL |
| 5 mM  | 1.585 mL | 7.924 mL | 15.848 mL |
| 10 mM | 0.792 mL | 3.962 mL | 7.924 mL  |
| 50 mM | 0.158 mL | 0.792 mL | 1.585 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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