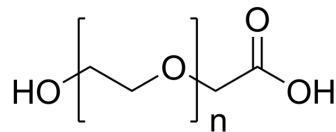


## HO-PEG-CH<sub>2</sub>COOH (MW 10000)

|                          |  |
|--------------------------|--|
| <b>Cat. No.:</b>         | HY-W591338A  |
| <b>Molecular Weight:</b> | 10000  |
| <b>Target:</b>           | PROTAC Linkers   |
| <b>Pathway:</b>          | PROTAC   |
| <b>Storage:</b>          | -20°C, stored under nitrogen<br>* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |



### SOLVENT & SOLUBILITY

|   |  |                              |             |             |             |              |
|---|--|------------------------------|-------------|-------------|-------------|--------------|
| <b>In Vitro</b>   | DMSO : 100 mg/mL (10.00 mM); ultrasonic and warming and heat to 60°C)  |                              |             |             |             |              |
|   | <b>Preparing Stock Solutions</b>   | <b>Solvent Concentration</b> | <b>Mass</b> | <b>1 mg</b> | <b>5 mg</b> | <b>10 mg</b> |
|   |  | <b>1 mM</b>                  |             | 0.1000 mL   | 0.5000 mL   | 1.0000 mL    |
|   |  | <b>5 mM</b>                  |             | 0.0200 mL   | 0.1000 mL   | 0.2000 mL    |
|   |  | <b>10 mM</b>                 |             | 0.0100 mL   | 0.0500 mL   | 0.1000 mL    |
| Please refer to the solubility information to select the appropriate solvent. |  |                              |             |             |             |              |
| <b>In Vivo</b>  | <ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline<br/>Solubility: ≥ 2.5 mg/mL (0.25 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline)<br/>Solubility: ≥ 2.5 mg/mL (0.25 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil<br/>Solubility: ≥ 2.5 mg/mL (0.25 mM); Clear solution</li> </ol> |                              |             |             |             |              |

### BIOLOGICAL ACTIVITY

|                    |   |
|--------------------|---|
| <b>Description</b> | HO-PEG-CH <sub>2</sub> COOH (MW 10000) is a PEG polymer with -COOH that can be used as a PROTAC linker to the synthesis of PROTACs <sup>[1]</sup> . |
|--------------------|---|

### REFERENCES

[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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**Caution: Product has not been fully validated for medical applications. For research use only.**

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