



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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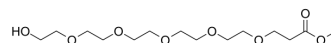
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## Hydroxy-PEG5-C2-methyl ester

|                    |  |       |          |
|--------------------|--|-------|----------|
| Cat. No.:          | HY-141243                                      |       |          |
| CAS No.:           | 2100306-80-5                                   |       |          |
| Molecular Formula: | C <sub>14</sub> H <sub>28</sub> O <sub>8</sub> |       |          |
| Molecular Weight:  | 324.37   |       |          |
| Target:            | PROTAC Linkers                                 |       |          |
| Pathway:           | PROTAC   |       |          |
| Storage:           | Pure form                                      | -20°C | 3 years  |
|                    |  | 4°C   | 2 years  |
|                    | In solvent                                     | -80°C | 6 months |
|                    |  | -20°C | 1 month  |



### BIOLOGICAL ACTIVITY

|                           |  |             |  |
|---------------------------|--|-------------|--|
| Description               | Hydroxy-PEG5-C2-methyl ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .  |             |  |
| IC <sub>50</sub> & Target | PEGs   | Alkyl/ether |  |
| 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 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |             |  |

### 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

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

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