



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

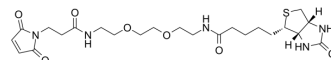
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Biotin-PEG2-Mal

|                           |   |       |          |
|---------------------------|---|-------|----------|
| <b>Cat. No.:</b>          | HY-W010764  |       |          |
| <b>CAS No.:</b>           | 305372-39-8   |       |          |
| <b>Molecular Formula:</b> | C <sub>23</sub> H <sub>35</sub> N <sub>5</sub> O <sub>7</sub> S |       |          |
| <b>Molecular Weight:</b>  | 525.62  |       |          |
| <b>Target:</b>            | PROTAC Linkers  |       |          |
| <b>Pathway:</b>           | PROTAC  |       |          |
| <b>Storage:</b>           | Powder  | -20°C | 3 years  |
|                           |   | 4°C   | 2 years  |
|                           | In solvent  | -80°C | 6 months |
|                           |   | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

|   |  |                          |           |            |
|---|--|--------------------------|-----------|------------|
| <b>In Vitro</b>   | DMSO : 100 mg/mL (190.25 mM; Need ultrasonic)  |                          |           |            |
|   |  | Solvent<br>Concentration | Mass      |            |
|   |  |                          | 1 mg      | 5 mg       |
|   |  |                          | 10 mg     |            |
| <b>Preparing Stock Solutions</b>  | <b>1 mM</b>  | 1.9025 mL                | 9.5126 mL | 19.0252 mL |
|   | <b>5 mM</b>  | 0.3805 mL                | 1.9025 mL | 3.8050 mL  |
|   | <b>10 mM</b>   | 0.1903 mL                | 0.9513 mL | 1.9025 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 (4.76 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 (4.76 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil<br/>Solubility: ≥ 2.5 mg/mL (4.76 mM); Clear solution</li> </ol> |                          |           |            |

### BIOLOGICAL ACTIVITY

|                                     |  |
|-------------------------------------|--|
| <b>Description</b>                  | Biotin-PEG2-Mal is a PEG-based PROTAC linker can be used in the synthesis of PROTAC.   |
| <b>IC<sub>50</sub> &amp; Target</b> | PEGs   |
| <b>In Vitro</b>                     | <p>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.</p> <p>PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.</p> |

---

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA