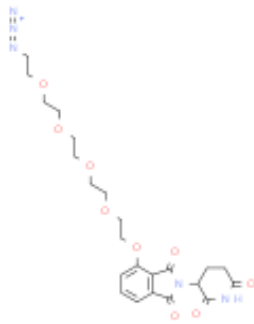


## Product Data Sheet

|                                                          |                                                                                    |              |                  |
|----------------------------------------------------------|------------------------------------------------------------------------------------|--------------|------------------|
| Cas No.:                                                 | 2380318-57-8                                                                       | Cat. No:     | PL03912          |
| Product Name:                                            | Thalidomide-O-PEG4-azide                                                           |              |                  |
| Product synonym:                                         | -                                                                                  |              |                  |
| Chemical name:                                           | Thalidomide-O-PEG4-azide                                                           |              |                  |
| MF:                                                      | C23H29N5O9                                                                         | FW:          | 519.504465818405 |
| Purity:                                                  | ≥98%                                                                               | Batch No.:   | -                |
| Storage:                                                 |                                                                                    |              |                  |
| Structural formula:                                      |  |              |                  |
| λmax:                                                    | -                                                                                  | Formulation: | -                |
| Solubility :                                             |                                                                                    |              |                  |
| SMILES :                                                 | O=C1C(CCC(N1)=O)N1C(C2C=CC=C(C=2C1=O)OCCOCCOCCOCCOCCN=[N+]=[N-])=O                 |              |                  |
| InChI Code:                                              | -                                                                                  |              |                  |
| InChI Key:                                               |                                                                                    |              |                  |
| WARNING This product is not for human or veterinary use. |                                                                                    |              |                  |

## Product Description

Thalidomide-O-PEG4-azide 是一种合成的 E3 连接酶配体-linker 偶联物，包含基于 Thalidomide 的 cereblon 配体和 1 个 linker。

|                     |                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 生物活性                | Thalidomide-O-PEG4-azide is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and a linker used in PROTAC technology.                                                                                                                                                                        |
| IC50 & Target[1][2] | Cereblon                                                                                                                                                                                                                                                                                                                                           |
| 体外研究(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. has not independently confirmed the accuracy of these methods. They are for reference only. |
| 包装储存                | -20°C, sealed storage, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)                                                                                                                                                                                                                         |
| 溶解度数据               | In Vitro: DMSO : 250 mg/mL (481.23 mM; Need ultrasonic)配制储备液                                                                                                                                                                                                                                                                                       |