# Product Data Sheet

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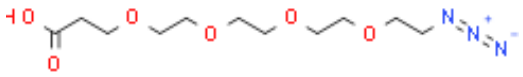
| Cas No.: | 1257063-35-6 | Cat. No: | PL10541 |
| Product Name: | Azido-PEG4-C2-acid | | |
| Product synonym: | 叠氮-三聚乙二醇-羧酸;15-叠氮基-4,7,10,13-四氧杂十五烷酸;叠氮四聚乙二醇羧乙基;磺胺二甲氧嗪;3-[2-[2-[2-(2-叠氮乙氧基)乙氧基]乙氧基]乙氧基]丙酸;1-叠氮基-3,6,9,12-四氧杂十五烷-15-酸;3-[2-[2-[2-(2-叠氮基乙氧基)乙氧基]乙氧基]乙氧基]丙酸 | | |
| Chemical name: | Azido-PEG4-C2-acid | | |
| MF: | C11H21N3O6 | FW: | 291.300943136215 |
| Purity: | - | Batch No.: | - |
| Storage: | | | |
| Structural formula: |  | | |
| λmax: | - | Formulation: | - |
| Solubility : | | | |
| SMILES : | C(COCCOCCOCCOCCN=[N+]=[N-])C(=O)O | | |
| InChI Code: | - | | |
| InChI Key: | | | |
| **WARNING This product is not for human or veterinary use.** | | | |

## Product Description

Azido-PEG4-C2-acid 是基于PEG 的 PROTAC linker，可用于合成vRucaparib-TP4。Azido-PEG4-C2-acid 同时也是一种不可降解 (non-cleavable) 的含 4 个单元 PEG 的 ADC linker，可用于合成抗体偶联药物 (ADC)。

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| 生物活性 | Azido-PEG4-C2-acid a PEG-based PROTAC linker can be used in the synthesis of vRucaparib-TP4. Azido-PEG4-C2-acid is also a non-cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). |
| 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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. has not independently confirmed the accuracy of these methods. They are for reference only. |
| 包装储存 | Pure form -20°C 3 years； In solvent -80°C 6 months |
| 溶解度数据 | In Vitro: DMSO : 100 mg/mL (343.29 mM; Need ultrasonic)配制储备液 |