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| <b>Product Name</b>      | : Diazo Biotin-PEG3-alkyne                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>          | : —                                                                                                                                                                                                                                                                                                |
| <b>Cat No.</b>           | : M33339                                                                                                                                                                                                                                                                                           |
| <b>CAS Number</b>        | : 1884349-58-9                                                                                                                                                                                                                                                                                     |
| <b>Molecular Formula</b> | : C39H53N7O9S                                                                                                                                                                                                                                                                                      |
| <b>Formula Weight</b>    | : 795.95                                                                                                                                                                                                                                                                                           |
| <b>Chemical Name</b>     | : —                                                                                                                                                                                                                                                                                                |
| <b>Description</b>       | Diazo Biotin-PEG3-alkyne is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs. Diazo Biotin-PEG3-alkyne is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups. |
| <b>Pathway</b>           | : Others                                                                                                                                                                                                                                                                                           |
| <b>Target</b>            | : Other Targets                                                                                                                                                                                                                                                                                    |
| <b>Receptor</b>          | : PROTACs                                                                                                                                                                                                                                                                                          |
| <b>Solubility</b>        | : —                                                                                                                                                                                                                                                                                                |
| <b>SMILES</b>            | <chem>C(CCCC(NCCOCCOCCOCCNC(=O)C1=CC=C(N=NC2=CC(CCN(CCCOCC#C)=O)=CC=C2O)C=C1)=O)[C@H]3[C@@]4([C@](CS3)(NC(=O)N4)[H])[H]</chem>                                                                                                                                                                     |
| <b>Storage</b>           | : (-20°C)                                                                                                                                                                                                                                                                                          |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                                                                                                                                                                                        |
| <b>Reference</b>         | :                                                                                                                                                                                                                                                                                                  |

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?