

**Product Name** : Aminoxy-PEG3-azide

**Synonyms** : —

**Cat No.** : M33265

**CAS Number** : 1306615-51-9

**Molecular Formula** : C<sub>8</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>

**Formula Weight** : 234.25

**Chemical Name** : —

**Description** : Aminoxy-PEG3-azide is a non-cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Aminoxy-C2-PEG3-azide is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs. Aminoxy-PEG3-azide is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

**Pathway** : Antibody Drug Conjugates (ADC)

**Target** : ADCs Linker/Click Chemistry

**Receptor** : ADC Linker

**Solubility** : —

**SMILES** : [N-]=[N+]=NCCOCCOCCOCCON

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Chanhyuk KIM, et al. Optimized chimeric receptor t cell switches and uses thereof. WO2016168766A1.