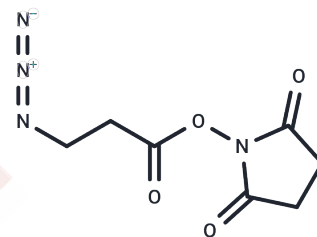


N3-C2-NHS ester

Chemical Properties

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 850180-76-6 |
| Formula: | C7H8N4O4 |
| Molecular Weight: | 212.16 |
| Storage: | Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | N3-C2-NHS ester (3-Azidopropanoic acid NHS ester) is an ADC linker, which is a cross-linking agent for macromolecular compounds, and can be used for the synthesis of antibody-coupled reactive molecules (ADCs). |
| Targets(IC50) | ADC Linker,PROTAC Linker |

Solubility Information

| | |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 80 mg/mL (377.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--------------------------------------------------------------------------------------------------------------------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.7134 mL | 23.5671 mL | 47.1342 mL |
| 5 mM | 0.9427 mL | 4.7134 mL | 9.4268 mL |
| 10 mM | 0.4713 mL | 2.3567 mL | 4.7134 mL |
| 50 mM | 0.0943 mL | 0.4713 mL | 0.9427 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gregson SJ, et al. Pyrrolobenzodiazepine Dimer Antibody-Drug Conjugates: Synthesis and Evaluation of Noncleavable Drug-Linkers. J Med Chem. 2017 Dec 14;60(23):9490-9507.

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