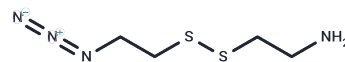


## Azidoethyl-SS-ethylamine

### Chemical Properties

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| CAS No. :         | 1807512-40-8                                                 |
| Formula:          | C <sub>4</sub> H <sub>10</sub> N <sub>4</sub> S <sub>2</sub> |
| Molecular Weight: | 178.28                                                       |
| Appearance:       | no data available                                            |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year     |



### Biological Description

|               |                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------|
| Description   | Azidoethyl-SS-ethylamine is a cleavable linker compound employed for the synthesis of antibody-drug conjugates (ADCs)[1]. |
| Targets(IC50) | Others                                                                                                                    |
| In vitro      | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].                         |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.6092 mL | 28.0458 mL | 56.0915 mL |
| 5 mM  | 1.1218 mL | 5.6092 mL  | 11.2183 mL |
| 10 mM | 0.5609 mL | 2.8046 mL  | 5.6092 mL  |
| 50 mM | 0.1122 mL | 0.5609 mL  | 1.1218 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.

### Reference

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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