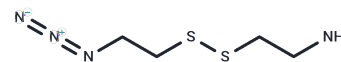


## Azidoethyl-SS-ethylamine

## 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   |
| Storage:          | Keep away from direct sunlight<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |  |
|---------------|--|
| Description   | Azidoethyl-SS-ethylamine is a cleavable linker compound used in the synthesis of antibody-drug conjugates (ADCs)[1]. |
| Targets(IC50) | ADC Linker,PROTAC Linker   |
| In vitro      | ADCs consist of an antibody conjugated to an ADC cytotoxin via 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.

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

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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