

Aminoethyl-SS-propionic acid

Chemical Properties

CAS No. : 15579-00-7

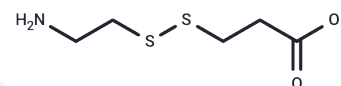
Formula: C₅H₁₁NO₂S₂

Molecular Weight: 181.28

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | Aminoethyl-SS-propionic acid is an ADC linker compound employed in ADC synthesis [1]. It functions as a cleavable linker in the conjugation of antibodies with drugs, allowing for targeted drug delivery. |
| Targets(IC50) | ADC Linker,PROTAC Linker |
| In vitro | Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxic agent via a specific linker[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.5163 mL | 27.5816 mL | 55.1633 mL |
| 5 mM | 1.1033 mL | 5.5163 mL | 11.0327 mL |
| 10 mM | 0.5516 mL | 2.7582 mL | 5.5163 mL |
| 50 mM | 0.1103 mL | 0.5516 mL | 1.1033 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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