

## H-Glu-OtBu

## Chemical Properties

CAS No. : 45120-30-7

Formula: C<sub>9</sub>H<sub>17</sub>NO<sub>4</sub>

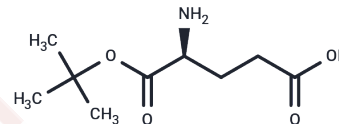
Molecular Weight: 203.24

Keep away from direct sunlight, Keep away from moisture

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   | H-Glu-OtBu serves as both a non-cleavable antibody-drug conjugate (ADC) linker for ADC synthesis and an alkyl chain-based PROTAC linker for PROTAC preparation. |
| Targets(IC50) | Others,ADC Linker,PROTAC Linker   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 8 mg/mL (39.36 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.9203 mL | 24.6015 mL | 49.2029 mL |
| 5 mM  | 0.9841 mL | 4.9203 mL  | 9.8406 mL  |
| 10 mM | 0.492 mL  | 2.4601 mL  | 4.9203 mL  |
| 50 mM | 0.0984 mL | 0.492 mL   | 0.9841 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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