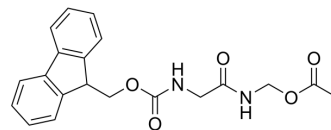


## Fmoc-Gly-NH-CH<sub>2</sub>-acetyloxy

|                           |   |       |          |
|---------------------------|---|-------|----------|
| <b>Cat. No.:</b>          | HY-44980  |       |          |
| <b>CAS No.:</b>           | 1599440-06-8  |       |          |
| <b>Molecular Formula:</b> | C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub> |       |          |
| <b>Molecular Weight:</b>  | 368.38  |       |          |
| <b>Target:</b>            | ADC Linker  |       |          |
| <b>Pathway:</b>           | Antibody-drug Conjugate/ADC Related                           |       |          |
| <b>Storage:</b>           | Powder  | -20°C | 3 years  |
|                           |   | 4°C   | 2 years  |
|                           | In solvent  | -80°C | 6 months |
|                           |   | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (135.73 mM; Need ultrasonic)

| Concentration             | Solvent | Mass      |            |            |
|---------------------------|---------|-----------|------------|------------|
|                           |         | 1 mg      | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM    | 2.7146 mL | 13.5729 mL | 27.1459 mL |
|                           | 5 mM    | 0.5429 mL | 2.7146 mL  | 5.4292 mL  |
|                           | 10 mM   | 0.2715 mL | 1.3573 mL  | 2.7146 mL  |

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (6.79 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (6.79 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (6.79 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Fmoc-Gly-NH-CH<sub>2</sub>-acetyloxy is a cleavable linker that can be used to synthesize antibody-drug Conjugates (ADCs).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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