Fomc-Gly-Gly-Phe-Gly-OH

Cat. No.: HY-P4192

CAS No.: 1817857-75-2

Molecular Formula: $C_{30}H_{30}N_4O_7$

Molecular Weight: 558.58

Sequence: Fomc-Gly-Gly-Phe-Gly

Sequence Shortening: Fomc-GGFG

Target: ADC Linker

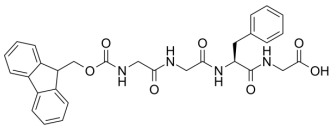
Pathway: Antibody-drug Conjugate/ADC Related

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (223.78 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	1.7903 mL	8.9513 mL	17.9025 mL
5 mM	0.3581 mL	1.7903 mL	3.5805 mL
10 mM	0.1790 mL	0.8951 mL	1.7903 mL

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

BIOLOGICAL ACTIVITY

Description

Fomc-Gly-Gly-Phe-Gly-OH (compound D5) can be used as an intermediate in the synthesis of ADC dual-drug-linker. Fomc-Gly-Gly-Phe-Gly-OH synthetic intermediate GGFGE further forms an important ADC dual-drug link assembly unit[1].

REFERENCES

[1]. Huang Jinkun, et al. Preparation method for dual-drug-linker of ADC and use thereof. World Intellectual Property Organization, WO2022199429 A1. 2022-09-29.

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

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