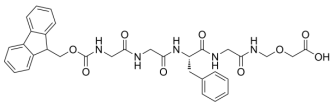
Fmoc-Gly-Gly-Phe-Gly-NH-CH2-O-CH2COOH

Cat. No.:	HY-45545
CAS No.:	2264011-98-3
Molecular Formula:	$C_{33}H_{35}N_5O_9$
Molecular Weight:	645.66
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (154.88 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.5488 mL	7.7440 mL	15.4880 mL
	5 mM	0.3098 mL	1.5488 mL	3.0976 mL
	10 mM	0.1549 mL	0.7744 mL	1.5488 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (3.87 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (3.87 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (3.87 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fmoc-gly-gly-ph-gly-nh-ch2-o-ch2cooh can be used to synthesize the ADC Linker, LND1067[1].

REFERENCES

[1]. Kong Lingpei. et al. Method for preparation of linker LND1067 used for antibody drug conjugate. China, CN113336823 A. 2021-09-03.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA