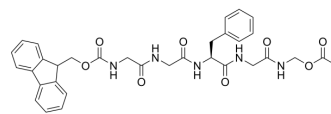


Fmoc-Gly-Gly-Phe-Gly-NH-CH₂-O-CO-CH₃

Cat. No.:	HY-49412
CAS No.:	2866301-96-2
Molecular Formula:	C ₃₃ H ₃₅ N ₅ O ₈
Molecular Weight:	629.66
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (158.82 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.5882 mL	7.9408 mL	15.8816 mL
				5 mM	0.3176 mL	1.5882 mL	3.1763 mL
				10 mM	0.1588 mL	0.7941 mL	1.5882 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 (3.97 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.97 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.97 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Fmoc-Gly-Gly-Phe-Gly-NH-CH ₂ -O-CO-CH ₃ (compound DC-13-C) is an intermediate in the synthesis of Exatecan (HY-13631) derivatives ^[1] .
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REFERENCES

[1]. Yunsheng Huang, et al. Exatecan derivatives and their applications.

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

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