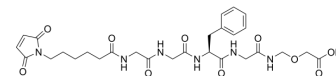


MC-Gly-Gly-Phe-Gly-NH-CH₂-O-CH₂COOH

Cat. No.:	HY-131990
CAS No.:	1599440-25-1
Molecular Formula:	C ₂₈ H ₃₆ N ₆ O ₁₀
Molecular Weight:	616.62
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
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 (162.17 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.6217 mL	8.1087 mL	16.2174 mL
		5 mM		0.3243 mL	1.6217 mL	3.2435 mL
		10 mM		0.1622 mL	0.8109 mL	1.6217 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.86 mg/mL (4.64 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.86 mg/mL (4.64 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.86 mg/mL (4.64 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	MC-Gly-Gly-Phe-Gly-NH-CH ₂ -O-CH ₂ COOH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) [1].
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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