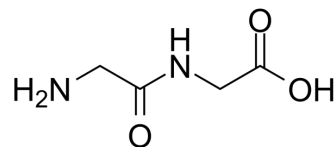


Glycylglycine

Cat. No.:	HY-D0889
CAS No.:	556-50-3
Molecular Formula:	C ₄ H ₈ N ₂ O ₃
Molecular Weight:	132.12
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (756.89 mM; Need ultrasonic)					
	Acetone : < 1 mg/mL (insoluble)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	7.5689 mL	37.8444 mL	75.6888 mL
			5 mM	1.5138 mL	7.5689 mL	15.1378 mL
10 mM			0.7569 mL	3.7844 mL	7.5689 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (756.89 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Glycylglycine is the simplest of all peptides and could function as a gamma-glutamyl acceptor.
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- J Transl Med. 2020 Dec 3;18(1):460.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Glycylglycine

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

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