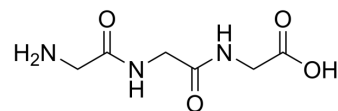


H-Gly-Gly-Gly-OH

Cat. No.:	HY-W015236
CAS No.:	556-33-2
Molecular Formula:	C ₆ H ₁₁ N ₃ O ₄
Molecular Weight:	189.17
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year



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

SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (264.31 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		5.2863 mL	26.4313 mL	52.8625 mL
	5 mM		1.0573 mL	5.2863 mL	10.5725 mL
	10 mM		0.5286 mL	2.6431 mL	5.2863 mL

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

BIOLOGICAL ACTIVITY

Description

H-Gly-Gly-Gly-OH, also known as Triglycine, is a tripeptide composed of glycine, glycine and glycine, which are linked by peptide bonds. Often used as a model compound in the study of protein structure and function. Glycylglycylglycine also acts as a neurotransmitter in the central nervous system and has been shown to have antioxidant properties. Furthermore, it may have potential research roles in various diseases such as cancer, diabetes and neurodegenerative diseases.

In Vitro

H-Gly-Gly-Gly-OH is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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