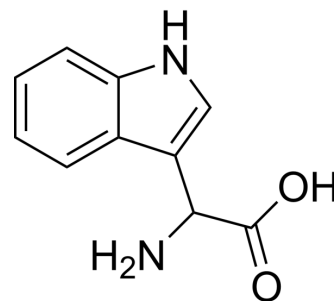


DL-3-Indolyglycine

Cat. No.:	HY-100217
CAS No.:	6747-15-5
Molecular Formula:	C ₁₀ H ₁₀ N ₂ O ₂
Molecular Weight:	190.2
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 4.63 mg/mL (24.34 mM; ultrasonic and warming and adjust pH to 2 with HCl and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.2576 mL	26.2881 mL	52.5762 mL
	5 mM	1.0515 mL	5.2576 mL	10.5152 mL
	10 mM	0.5258 mL	2.6288 mL	5.2576 mL

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

BIOLOGICAL ACTIVITY

Description

DL-3-Indolyglycine is an unnatural amino acid that is very similar to Tryptophan, with the indole moiety directly attached to the α-position. Target:DL-3-Indolyglycine may be useful in the design of functional proteins. A study describes the inclusion of a similar aza-indolyglycine moiety in petidomimetics with the purpose of functionally replacing tryptophan moieties.

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

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