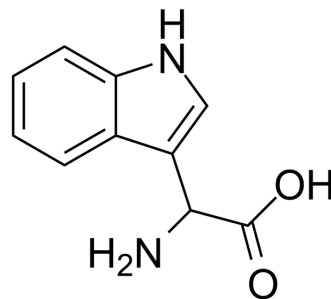


## DL-3-Indolyglycine

<b>Cat. No.:</b>	HY-100217
<b>CAS No.:</b>	6747-15-5
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	190.2
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	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

H<sub>2</sub>O : 4.63 mg/mL (24.34 mM; ultrasonic and warming and adjust pH to 2 with HCl and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
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.

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

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