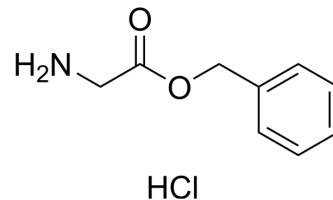


## H-DL-Gly-OBzl hydrochloride

Cat. No.:	HY-W005117
CAS No.:	2462-31-9
Molecular Formula:	C <sub>9</sub> H <sub>12</sub> ClNO <sub>2</sub>
Molecular Weight:	201.65
Target:	Amino Acid Derivatives
Pathway:	Others
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 (495.91 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.9591 mL	24.7954 mL	49.5909 mL
		5 mM	0.9918 mL	4.9591 mL	9.9182 mL
	10 mM	0.4959 mL	2.4795 mL	4.9591 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.40 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.40 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	H-DL-Gly-OBzl (hydrochloride) is a <a href="#">Glycine</a> (HY-Y0966) derivative <sup>[1]</sup> .
In Vitro	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances <sup>[1]</sup> . 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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