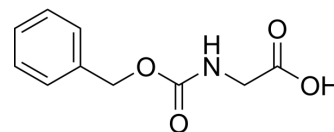


Z-Glycine

Cat. No.:	HY-Y0967		
CAS No.:	1138-80-3		
Molecular Formula:	C ₁₀ H ₁₁ NO ₄		
Molecular Weight:	209.2		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (478.01 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.7801 mL	23.9006 mL	47.8011 mL
	5 mM	0.9560 mL	4.7801 mL	9.5602 mL
	10 mM	0.4780 mL	2.3901 mL	4.7801 mL

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

BIOLOGICAL ACTIVITY

Description

Z-Glycine is a [Glycine](#) (HY-Y0966) derivative^[1].

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^[1].

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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