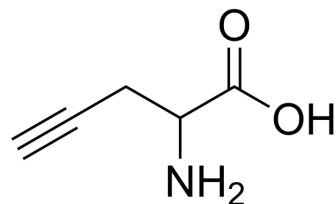


## DL-Propargylglycine

Cat. No.:	HY-W040124
CAS No.:	50428-03-0
Molecular Formula:	C <sub>5</sub> H <sub>7</sub> NO <sub>2</sub>
Molecular Weight:	113.11
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (884.10 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	8.8410 mL	44.2048 mL	88.4095 mL
	5 mM	1.7682 mL	8.8410 mL	17.6819 mL
	10 mM	0.8841 mL	4.4205 mL	8.8410 mL

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

### BIOLOGICAL ACTIVITY

#### Description

DL-Propargylglycine is a [Glycine](#) (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

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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