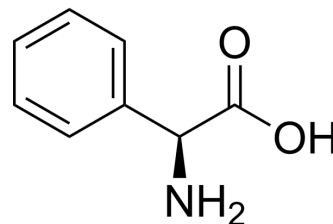


## H-Phg-OH

<b>Cat. No.:</b>	HY-W017406		
<b>CAS No.:</b>	2935-35-5		
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>		
<b>Molecular Weight:</b>	151.16		
<b>Target:</b>	Amino Acid Derivatives		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 33.33 mg/mL (220.49 mM; ultrasonic and adjust pH to 12 with NaOH)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.6155 mL	33.0775 mL	66.1551 mL
	5 mM	1.3231 mL	6.6155 mL	13.2310 mL
	10 mM	0.6616 mL	3.3078 mL	6.6155 mL

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

### BIOLOGICAL ACTIVITY

#### Description

H-Phg-OH 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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