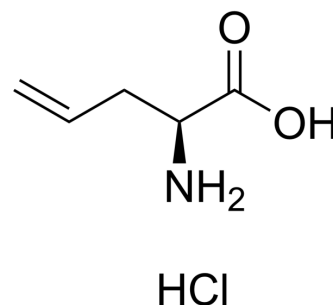


L-Allylglycine HCl

Cat. No.:	HY-W015595
CAS No.:	195316-72-4
Molecular Formula:	C ₅ H ₁₀ ClNO ₂
Molecular Weight:	151.59
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (659.67 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.5967 mL	32.9837 mL	65.9674 mL
		5 mM	1.3193 mL	6.5967 mL	13.1935 mL
		10 mM	0.6597 mL	3.2984 mL	6.5967 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (16.49 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.49 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.49 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	L-Allylglycine HCl 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.

REFERENCES

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

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