

L-Prolylglycine

Chemical Properties

CAS No. :	2578-57-6
Formula:	C7H12N2O3
Molecular Weight:	172.184
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	L-Prolylglycine is a natural product that exhibits weak inhibitory activity against angiotensin I converting enzyme (IC ₅₀ = 434 mg/L).
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble) H2O: 40 mg/mL (232.31 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8079 mL	29.0394 mL	58.0788 mL
5 mM	1.1616 mL	5.8079 mL	11.6158 mL
10 mM	0.5808 mL	2.9039 mL	5.8079 mL
50 mM	0.1162 mL	0.5808 mL	1.1616 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Terada T, et al. Structural requirements for determining the substrate affinity of peptide transporters PEPT1 and PEPT2. Pflügers Archiv. 2000;440:679-684.
WO2009035169 A1-Peptide having anti-hypertensive activity

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481