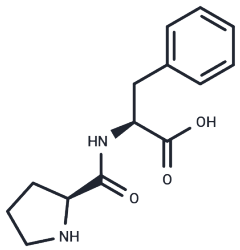
Data Sheet (Cat.No.T76613)

TargetMol

H-Pro-Phe-OH

Chemical Properties



CAS No. : 13589-02-1

Formula: C14H18N2O3

Molecular Weight: 262.30

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	H-Pro-Phe-OH is a dipeptide formed from proline and phenylalanine, serving as a substrate for prolylase and in peptide synthesis.
Targets(IC50)	Amino Acids and Derivatives,Angiotensin-converting Enzyme (ACE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8124 mL	19.0621 mL	38.1243 mL
5 mM	0.7625 mL	3.8124 mL	7.6249 mL
10 mM	0.3812 mL	1.9062 mL	3.8124 mL
50 mM	0.0762 mL	0.3812 mL	0.7625 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

Majumder K, et al. Angiotensin I converting enzyme inhibitory peptides from simulated in vitro gastrointestinal digestion of cooked eggs. J Agric Food Chem. 2009 Jan 28;57(2):471-7.

Priestman DA, et al. Prolinase and non-specific dipeptidase of human kidney. Biochem J. 1985 Nov 1;231(3):689-94.

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