

H-Val-Pro-Pro-OH TFA (58872-39-2 free base)

Chemical Properties

CAS No. :

Formula: C17H26F3N3O6

Molecular Weight: 425.4

Keep away from moisture

Storage: 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-Val-Pro-Pro-OH(TFA), a proline peptide derivative from milk, is an ACE inhibitor with IC50 of 9 M.
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Solubility Information

Solubility	H2O: 160 mg/mL (376.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3507 mL	11.7536 mL	23.5073 mL
5 mM	0.4701 mL	2.3507 mL	4.7015 mL
10 mM	0.2351 mL	1.1754 mL	2.3507 mL
50 mM	0.047 mL	0.2351 mL	0.4701 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

Nakamura Y, et al. Purification and characterization of angiotensin I-converting enzyme inhibitors from sour milk. J Dairy Sci. 1995 Apr;78(4):777-83.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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