

His-Pro hydrochloride

Chemical Properties

CAS No. :

Formula: C₁₁H₁₇ClN₄O₃

Molecular Weight: 288.73

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	His-Pro hydrochloride is a dipeptide compound comprising histidyl and proline.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4634 mL	17.3172 mL	34.6344 mL
5 mM	0.6927 mL	3.4634 mL	6.9269 mL
10 mM	0.3463 mL	1.7317 mL	3.4634 mL
50 mM	0.0693 mL	0.3463 mL	0.6927 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

Park SW, et al. Alterations in pancreatic protein expression in STZ-induced diabetic rats and genetically diabetic mice in response to treatment with hypoglycemic dipeptide Cyclo (His-Pro). Cell Physiol Biochem. 2012;29(3-4): 603-16.

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