

N-Acetyl-Ser-Asp-Lys-Pro TFA

Chemical Properties

CAS No. :

Formula: C₂₂H₃₄F₃N₅O₁₁

Molecular Weight: 601.53

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	N-Acetyl-Ser-Asp-Lys-Pro (TFA) is an endogenous tetrapeptide produced in the bone marrow, serving as a specific substrate for the N-terminal site of angiotensin-converting enzyme (ACE).
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6624 mL	8.3121 mL	16.6243 mL
5 mM	0.3325 mL	1.6624 mL	3.3249 mL
10 mM	0.1662 mL	0.8312 mL	1.6624 mL
50 mM	0.0332 mL	0.1662 mL	0.3325 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

Rousseau A, et al. The hemoregulatory peptide N-acetyl-Ser-Asp-Lys-Pro is a natural and specific substrate of the N-terminal active site of human angiotensin-converting enzyme. J Biol Chem. 1995 Feb 24;270(8):3656-61.

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