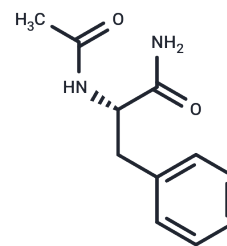


Ac-Phe-NH₂

Chemical Properties

CAS No. : 7376-90-1
Formula: C₁₁H₁₄N₂O₂
Molecular Weight: 206.24
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ac-Phe-NH ₂ is a non-competitive inhibitor of polyubiquitin chain elongation at K _i value of 8 ± 1.2 mM.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 4.4 mg/mL (21.33 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8487 mL	24.2436 mL	48.4872 mL
5 mM	0.9697 mL	4.8487 mL	9.6974 mL
10 mM	0.4849 mL	2.4244 mL	4.8487 mL
50 mM	0.097 mL	0.4849 mL	0.9697 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.

Reference

Loquais Y, Gloaguen E, Alauddin M, Brenner V, Tardivel B, Mons M. On the near UV photophysics of a phenylalanine residue: conformation-dependent $\pi\pi^*$ state deactivation revealed by laser spectroscopy of isolated

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