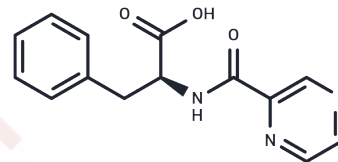


N-(Pyrazinylcarbonyl)-L-phenylalanine

Chemical Properties

CAS No. :	114457-94-2
Formula:	C ₁₄ H ₁₃ N ₃ O ₃
Molecular Weight:	271.27
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	(S)-3-Phenyl-2-(pyrazine-2-carboxamido)propanoic acid is a biochemical reagent that can be used in biological research.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 50 mg/mL (184.32 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	3.6864 mL	18.4318 mL	36.8636 mL
5 mM	0.7373 mL	3.6864 mL	7.3727 mL
10 mM	0.3686 mL	1.8432 mL	3.6864 mL
50 mM	0.0737 mL	0.3686 mL	0.7373 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

Ju Y, et al. Discovery of Novel Peptidomimetic Boronate ClpP Inhibitors with Noncanonical Enzyme Mechanism as Potent Virulence Blockers in Vitro and in Vivo. J Med Chem. 2020 Mar 26;63(6):3104-3119.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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