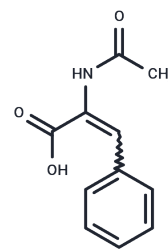


2-(Acetylamino)-3-phenyl-2-propenoic acid

Chemical Properties

CAS No. :	5469-45-4
Formula:	C ₁₁ H ₁₁ NO ₃
Molecular Weight:	205.21
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	2-(Acetylamino)-3-phenyl-2-propenoic acid is a natural product that exhibits weak protease inhibitory activity against Pseudomonas aeruginosa PAO1.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8731 mL	24.3653 mL	48.7306 mL
5 mM	0.9746 mL	4.8731 mL	9.7461 mL
10 mM	0.4873 mL	2.4365 mL	4.8731 mL
50 mM	0.0975 mL	0.4873 mL	0.9746 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

Zhao Y, et al. Exploring daidzein dimethyl ether from Albizzia lebeck as a novel quorum sensing inhibitor against Pseudomonas aeruginosa: Insights from in vitro and in vivo studies. Bioorg Chem. 2025;156:108168.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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