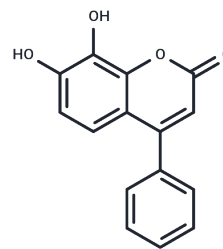


4-Phenyl-7,8-dihydroxycoumarin

Chemical Properties

CAS No. :	842-01-3
Formula:	C ₁₅ H ₁₀ O ₄
Molecular Weight:	254.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	4-Phenyl-7,8-dihydroxycoumarin (7,8-Dihydroxy-4-phenylcoumarin) inhibits the activity of Staphylococcus aureus DNA helicase
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (216.33 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	3.9333 mL	19.6665 mL	39.3329 mL
5 mM	0.7867 mL	3.9333 mL	7.8666 mL
10 mM	0.3933 mL	1.9666 mL	3.9333 mL
50 mM	0.0787 mL	0.3933 mL	0.7867 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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