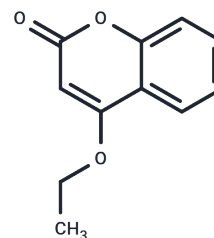


4-Ethoxycoumarin

Chemical Properties

CAS No. :	35817-27-7
Formula:	C ₁₁ H ₁₀ O ₃
Molecular Weight:	190.2
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	4-Ethoxycoumarin has antimicrobial activity.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 22.5 mg/mL (118.3 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	5.2576 mL	26.2881 mL	52.5762 mL
5 mM	1.0515 mL	5.2576 mL	10.5152 mL
10 mM	0.5258 mL	2.6288 mL	5.2576 mL
50 mM	0.1052 mL	0.5258 mL	1.0515 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

Wawzonek S , Nagler R C , Carlson L J . The Reaction of Grignard Reagents with 4-Hydroxy- and 4-Ethoxycoumarin [J]. Journal of the American Chemical Society, 2002, 76(4):1080-1082.

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