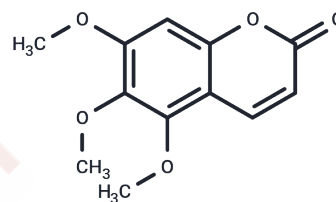


5,6,7-Trimethoxycoumarin

Chemical Properties

CAS No. :	55085-47-7
Formula:	C ₁₂ H ₁₂ O ₅
Molecular Weight:	236.22
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	5,6,7-Trimethoxycoumarin shows moderate inhibitory activity against <i>Micrococcus luteus</i> , it also displays an intermediate cytotoxic effects against brine shrimp larvae. 5,6,7-Trimethoxycoumarin can improve gastroprotective effects, and it has low toxicity and minimal effects on drug-metabolizing enzymes.
Targets(IC50)	Antifection,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2333 mL	21.1667 mL	42.3334 mL
5 mM	0.8467 mL	4.2333 mL	8.4667 mL
10 mM	0.4233 mL	2.1167 mL	4.2333 mL
50 mM	0.0847 mL	0.4233 mL	0.8467 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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