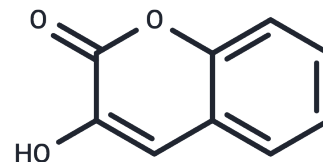


3-Hydroxycoumarin

Chemical Properties

CAS No. :	939-19-5
Formula:	C ₉ H ₆ O ₃
Molecular Weight:	162.14
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3-Hydroxycoumarin is a natural compound, and is human 15-LOX-1 inhibitors
Targets(IC50)	Lipoxygenase

Solubility Information

Solubility	DMSO: 27.5 mg/mL (169.6 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1675 mL	30.8375 mL	61.6751 mL
5 mM	1.2335 mL	6.1675 mL	12.335 mL
10 mM	0.6168 mL	3.0838 mL	6.1675 mL
50 mM	0.1234 mL	0.6168 mL	1.2335 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.

Reference

Alavi S J , Sadeghian H , Seyedi S M , et al. A novel class of human 15-LOX-1 inhibitors based on 3-hydroxycoumarin[J]. Chemical Biology & Drug Design, 2018.
Michele S , Marco F , Mariella N , et al. 3-

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