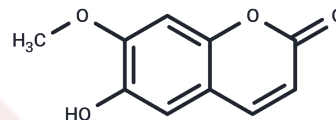


Isoscooletin

Chemical Properties

CAS No. :	776-86-3
Formula:	C ₁₀ H ₈ O ₄
Molecular Weight:	192.17
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Isoscooletin (7-Methoxyesculetin) is a predicted metabolite generated by BioTransformer1 that is produced by the metabolism of 6, 7-dimethoxy-2h-chromen-2-one.
Targets(IC50)	HBV

Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone: Soluble, DMSO: 35 mg/mL (182.13 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	5.2037 mL	26.0186 mL	52.0373 mL
5 mM	1.0407 mL	5.2037 mL	10.4075 mL
10 mM	0.5204 mL	2.6019 mL	5.2037 mL
50 mM	0.1041 mL	0.5204 mL	1.0407 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

Adams M, et al. Activity-guided isolation of scopoletin and isoscooletin, the inhibitory active principles towards CCRF-CEM leukaemia cells and multi-drug resistant CEM/ADR5000 cells, from *Artemisia argyi*. Adams M1, Efferth T, Bauer R. *Planta Med.* 2006 Jul;72(9):862-4.

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