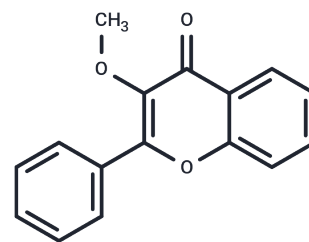


3-Methoxyflavone

Chemical Properties

CAS No. :	7245-02-5
Formula:	C ₁₆ H ₁₂ O ₃
Molecular Weight:	252.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3-Methoxyflavone is a Flavonoids, with antiviral activity
Targets(IC50)	Antiviral

Solubility Information

Solubility	DMSO: 27.5 mg/mL (109.01 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9642 mL	19.8208 mL	39.6416 mL
5 mM	0.7928 mL	3.9642 mL	7.9283 mL
10 mM	0.3964 mL	1.9821 mL	3.9642 mL
50 mM	0.0793 mL	0.3964 mL	0.7928 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

Vlietinck A J , Berghe D A V , Hoof L M V , et al. Antiviral activity of 3-methoxyflavones[J]. progress in clinical & biological research, 1986, 213(213):537-540.
Oscar Barberá, Marco J A , Sanz J F , et al. 3-Methoxyflavones

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