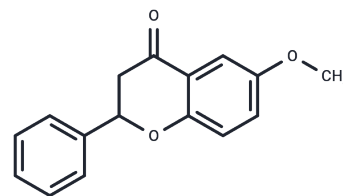


6-Methoxyflavanone

Chemical Properties

CAS No. :	3034-04-6
Formula:	C ₁₆ H ₁₄ O ₃
Molecular Weight:	254.28
Appearance:	no data available
Storage:	store under nitrogen
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	6-Methoxyflavanone (6-MeOF) is A positive allosteric modulator of the GABA response of human recombinant GABA A receptor, with antianxiety and anti-inflammatory activity, and can be used to reduce cisplatin induced neuropathic pain.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: 15 mg/mL (58.99 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	3.9327 mL	19.6634 mL	39.3267 mL
5 mM	0.7865 mL	3.9327 mL	7.8653 mL
10 mM	0.3933 mL	1.9663 mL	3.9327 mL
50 mM	0.0787 mL	0.3933 mL	0.7865 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

Akbar S,et al. Characterization of 6-methoxyflavanone as a novel anxiolytic agent: A behavioral and pharmacokinetic approach. Eur J Pharmacol. 2017 Apr 15;801:19-27.

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