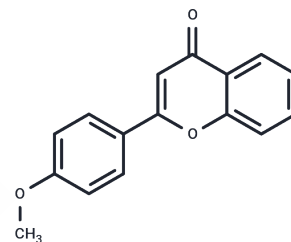


4'-METHOXYFLAVONE

Chemical Properties

CAS No. :	4143-74-2
Formula:	C ₁₆ H ₁₂ O ₃
Molecular Weight:	252.26
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	4'-METHOXYFLAVONE is a natural product.
Targets(IC50)	Apoptosis,Others
In vitro	4'-Methoxyflavone (4MF) showed activity by preventing the decrease in cell viability of HeLa and SH-SY5Y cells caused by the DNA-alkylating agent

Solubility Information

Solubility	DMSO: 2.53 mg/mL (10.03 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	3.9642 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.

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.

Reference

Identification through high-throughput screening of 4'-methoxyflavone and 3',4'-dimethoxyflavone as novel neuroprotective inhibitors of parthanatos[J]. british journal of pharmacology, 2013, 169(6):1263-1278.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481