

7-Methoxyflavonol

Chemical Properties

CAS No. : 7478-60-6

Formula: C₁₆H₁₂O₄

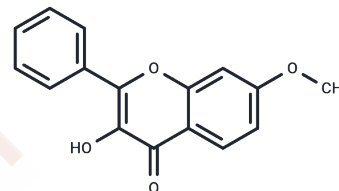
Molecular Weight: 268.26

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature, Store under nitrogen

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	7-Methoxyflavonol is a natural flavonoid exhibiting inhibitory activity against NCI-H460, MCF-7, and A375-C5 cells, along with anti-Trypanosoma and anti-Leishmania activities.
Targets(IC50)	Parasite

Solubility Information

Solubility	DMSO: 40 mg/mL (149.11 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	3.7277 mL	18.6386 mL	37.2773 mL
5 mM	0.7455 mL	3.7277 mL	7.4555 mL
10 mM	0.3728 mL	1.8639 mL	3.7277 mL
50 mM	0.0746 mL	0.3728 mL	0.7455 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

Marquina, S., et al 3-Acetoxy-7-methoxyflavone, a Novel Flavonoid from the Anxiolytic Extract of *Salvia elegans* (Lamiaceae). *Natural Product Communications*. 2008 Jan 17;3(2):1934578X0800300.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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