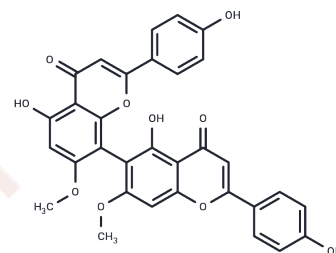


DMGF

Chemical Properties

CAS No. :	41679-06-5
Formula:	C ₃₂ H ₂₂ O ₁₀
Molecular Weight:	566.51
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	DMGF, also known as 7,7-dimethoxyagastisfavone, is a biflavonoid isolated from <i>Taxus × media</i> cv. <i>Hicksii</i> . DMGF induces apoptotic and autophagic cell death. DMGF could effectively attenuate the motility of B16F10 cells, and the results of real-time PCR revealed that DMGF also suppressed the expressions of matrix metalloproteinase-2 (MMP-2). DMGF can inhibit the metastasis of highly invasive melanoma cancer cells through the down-regulation of F-actin polymerization. DMGF may be further developed to serve as a chemoprevention drug for patients with metastatic melanoma.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7652 mL	8.826 mL	17.6519 mL
5 mM	0.353 mL	1.7652 mL	3.5304 mL
10 mM	0.1765 mL	0.8826 mL	1.7652 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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.

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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