Data Sheet (Cat.No.T69269)



DMGF

Chemical Propert	les	
CAS No. :	41679-06-5	ОН
Formula:	C32H22O10	
Molecular Weight:	566.51	
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	I сн ₃ он

Biological Description

Description	DMGF, also known as 7,7-dimethoxyagastisfavone, is a biflavonoid isolated from Taxus × media cv. Hicksii. 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). MGF 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.

Preparing Stock Solutions

œ	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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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