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Produktinformation



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Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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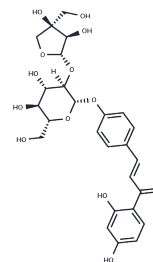
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Isoliquiritin apioside

Chemical Properties

CAS No. :	120926-46-7
Formula:	C ₂₆ H ₃₀ O ₁₃
Molecular Weight:	550.51
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Isoliquiritin apioside, isolated from Glycyrrhizae radix rhizome, significantly decreases PMA-induced increases in MMP9 activities and suppresses PMA-induced activation of MAPK and NF-κB. Isoliquiritin apioside suppresses invasiveness and angiogenesis of cancer cells and endothelial cells. Isoliquiritin apioside has marked potential to combat oxidative stress-induced genotoxicity.
Targets(IC50)	MMP,p38 MAPK,NF-κB

Solubility Information

Solubility	DMSO: 5.5 mg/mL (10 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	1.8165 mL	9.0825 mL	18.165 mL
5 mM	0.3633 mL	1.8165 mL	3.633 mL
10 mM	0.1816 mL	0.9082 mL	1.8165 mL
50 mM	0.0363 mL	0.1816 mL	0.3633 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

Kim A1, et al. Isoliquiritin Apioside Suppresses in vitro Invasiveness and Angiogenesis of Cancer Cells and Endothelial Cells.Front Pharmacol. 2018 Dec 10;9:1455.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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