

Jaceidin

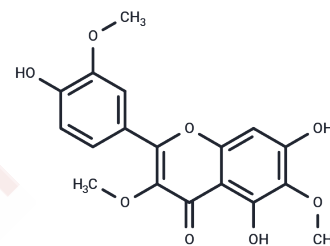
Chemical Properties

CAS No. : 10173-01-0

Formula: C₁₈H₁₆O₈

Molecular Weight: 360.31

Storage: Store at low temperature, Keep away from direct sunlight, Keep away from moisture
 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	Jaceidin (Quercetagenin 3,3',6-trimethyl ether) is a membrane-permeable inhibitor of VEGFR with anti-tumor activities.
Targets(IC50)	EGFR,Antioxidant,VEGFR
In vitro	Jaceidin shows antiplatelet activity and modest antioxidant activity in a dose-dependent manner[1][2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7754 mL	13.8769 mL	27.7539 mL
5 mM	0.5551 mL	2.7754 mL	5.5508 mL
10 mM	0.2775 mL	1.3877 mL	2.7754 mL
50 mM	0.0555 mL	0.2775 mL	0.5551 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

- Afifi FU, Aburjai T. Antiplatelet activity of Varthemia iphionoides. *Fitoterapia*. 2004 Dec;75(7-8):629-33.
 Aljancić I, et al. Protective effect on human lymphocytes of some flavonoids isolated from two Achillea species. *Nat Prod Commun*. 2010 May;5(5):729-32.
 Kazuki Kanazawa, et al. Short photoirradiation induces flavonoid synthesis and increases its production in postharvest vegetables. *J Agric Food Chem*. 2012 May 2;60(17):4359-68.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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