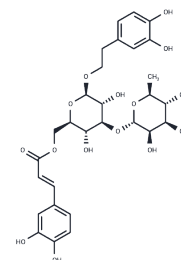


Isoacteoside

Chemical Properties

CAS No. :	61303-13-7
Formula:	C ₂₉ H ₃₆ O ₁₅
Molecular Weight:	624.59
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Isoacteoside has the anti-inflammatory effect, mediated by action on caspase-1, mitogen-activated protein kinases (c-Jun N-terminal kinase, p38, extracellular signal-regulated protein kinase) and nuclear factor-kappa B pathways.
Targets(IC50)	NF-κB

Solubility Information

Solubility	DMSO: 60 mg/mL (96.06 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	1.6011 mL	8.0053 mL	16.0105 mL
5 mM	0.3202 mL	1.6011 mL	3.2021 mL
10 mM	0.1601 mL	0.8005 mL	1.6011 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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

Nam SY, et al. Anti-inflammatory effects of isoacteoside from *Abeliophyllum distichum*. Immunopharmacol Immunotoxicol. 2015 Jun;37(3):258-64.

Chae S1, et al. Antioxidant activity of isoacteoside from *Clerodendron trichotomum*. J Toxicol Environ Health A. 2005 Mar 12;68(5):389-400.

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