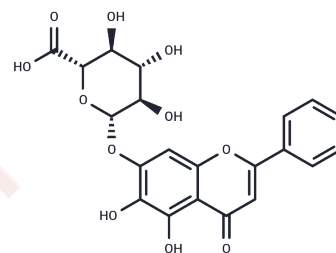


Baicalin

Chemical Properties

CAS No. :	21967-41-9
Formula:	C ₂₁ H ₁₈ O ₁₁
Molecular Weight:	446.36
Appearance:	no data available
Storage:	keep away from direct sunlight,keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Baicalin (Baicalein 7-O-β-D-glucuronide) is a prolyl endopeptidase inhibitor isolated from <i>Scutellaria baicalensis</i> , with antioxidant, anti-tumor, anti-HIV properties.
Targets(IC50)	NF-κB,HIV Protease,GABA Receptor,Autophagy

Solubility Information

Solubility	DMSO: 16.67 mg/mL (37.35 mM),Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2403 mL	11.2017 mL	22.4034 mL
5 mM	0.4481 mL	2.2403 mL	4.4807 mL
10 mM	0.224 mL	1.1202 mL	2.2403 mL
50 mM	0.0448 mL	0.224 mL	0.4481 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

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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