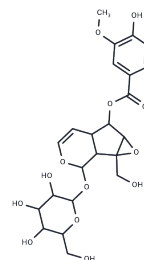


Picroside II

Chemical Properties

CAS No. :	39012-20-9
Formula:	C ₂₃ H ₂₈ O ₁₃
Molecular Weight:	512.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Picroside II (Vanilloyl catalpol) is the main active ingredient in iridoid glycosides. It has antioxidant, anti-inflammatory, immune regulatory, anti-virus and other pharmacological activities.
Targets(IC ₅₀)	Apoptosis,Others,Influenza Virus,NF-κB,Reactive Oxygen Species

Solubility Information

Solubility	DMSO: 25 mg/mL (48.78 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9514 mL	9.7569 mL	19.5137 mL
5 mM	0.3903 mL	1.9514 mL	3.9027 mL
10 mM	0.1951 mL	0.9757 mL	1.9514 mL
50 mM	0.039 mL	0.1951 mL	0.3903 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

Wang L, et al. Exp Ther Med. 2015 Apr;9(4):1253-1258.
Shim K S, Song H K, Hwang Y H, et al. Ethanol extract of Veronica persica ameliorates house dust mite-induced asthmatic inflammation by inhibiting STAT-3 and STAT-6

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