

Astringin

Chemical Properties

CAS No.:	29884-49-9
Formula:	C ₂₀ H ₂₂ O ₉
Molecular Weight:	406.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Astringinin is a potent antiarrhythmic agent with cardioprotective activity in ischemic and ischemic-reperfused rat heart, the beneficial effects of astringinin in the ischemic and ischemic-reperfused hearts may be correlated with its antioxidant activity and upregulation of NO production.
Targets(IC ₅₀)	NO Synthase: None IL Receptor: None

Solubility Information

Solubility	DMSO: 150 mg/mL (369.11 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.461 mL	12.303 mL	24.606 mL
5 mM	0.492 mL	2.461 mL	4.921 mL
10 mM	0.246 mL	1.23 mL	2.461 mL
50 mM	0.049 mL	0.246 mL	0.492 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481