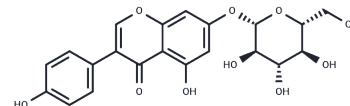


Genistin

Chemical Properties

CAS No. :	529-59-9
Formula:	C ₂₁ H ₂₀ O ₁₀
Molecular Weight:	432.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Genistin (Genistoside) is the major isoflavonoid of soybeans and soy products. It has been reported to possess various therapeutic effects, including anti-inflammatory and anticancer activities
Targets(IC50)	Apoptosis, Estrogen Receptor/ERR, Others

Solubility Information

Solubility	Ethanol: 32 mg/mL (74 mM), DMSO: 45 mg/mL (104.08 mM), 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	2.3128 mL	11.5639 mL	23.1278 mL
5 mM	0.4626 mL	2.3128 mL	4.6256 mL
10 mM	0.2313 mL	1.1564 mL	2.3128 mL
50 mM	0.0463 mL	0.2313 mL	0.4626 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

Xiong YJ, et al. Arch Pharm Res. 2013 Mar;36(3):345-52

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