

Liquiritin apioside

Chemical Properties

CAS No.:	199796-12-8
Formula:	C ₂₆ H ₃₀ O ₁₃
Molecular Weight:	550.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Liquiritin apioside has antioxidant property by inducing glutathione (GSH) biosynthesis via the inhibition of cytokines and protected lung epithelial cells against cigarette smoke-mediated oxidative stress, might be as protective agent against epithelial injury in COPD.
Targets(IC ₅₀)	TGF- β /Smad: None TNF- α : None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.817 mL	9.083 mL	18.165 mL
5 mM	0.363 mL	1.817 mL	3.633 mL
10 mM	0.182 mL	0.908 mL	1.817 mL
50 mM	0.036 mL	0.182 mL	0.363 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481