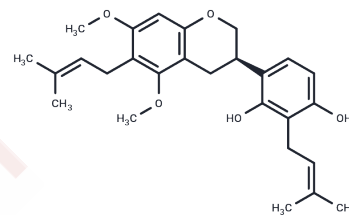


Licorisoflavan A

Chemical Properties

CAS No. :	129314-37-0
Formula:	C ₂₇ H ₃₄ O ₅
Molecular Weight:	438.56
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Licorisoflavan A shows weak scavenging activity against superoxide anion radical, it and licoricidin have potential for the development of novel host-modulating strategies for the treatment of cytokine and/or MMP-mediated disorders such as periodontitis. Licorisoflavan A has bactericidal effects on <i>S. mutans</i> UA159 at the concentration of ≥ 4 g/ml, it can be useful in developing oral hygiene products, such as gargling solutions and dentifrices for preventing dental caries.
Targets(IC50)	MMP,NF- κ B,DNA/RNA Synthesis,IL Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2802 mL	11.4009 mL	22.8019 mL
5 mM	0.456 mL	2.2802 mL	4.5604 mL
10 mM	0.228 mL	1.1401 mL	2.2802 mL
50 mM	0.0456 mL	0.228 mL	0.456 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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