Licorisoflavan A Inhibitor

PRODUCT OVERVIEW

Product Name	Licorisoflavan A, Inhibitor
Full Product Name	Licorisoflavan A
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	438.6
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C27H34O5
CAS Number	129314-37-0
Target & IC50	AP-1 IL Receptor MMP NF-kappaB p65
Product Categories/Family for Licorisoflavan A, inhibitor	DNA Damage/DNA Repair; DNA/RNA Synthesis; Immunology/Inflammation; NF-kappab; Proteases/Proteasome
Related Product Information for Licorisoflavan A, inhibitor	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 S. mutans 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.
Product References and Citations for Licorisoflavan A, inhibitor	Modulation of matrix metalloproteinase and cytokine production by licorice isolates licoricidin and licorisoflavan A: potential therapeutic approach for periodontitis. J Periodontol. 2011 Jan;82(1):122-8. In vitro antimicrobial activities of 1-methoxyficifolinol, licorisoflavan A, and 6,8-diprenylgenistein against Streptococcus mutans. Caries Res. 2015;49(1):78-89.
Other Notes	Small volumes of Licorisoflavan A, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Licorisoflavan A purchase	MBS5762686 is an inhibitor targeting Licorisoflavan A.

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Online datasheet: https://www.mybiosource.com/inhibitor/licorisoflavan-a/5762686