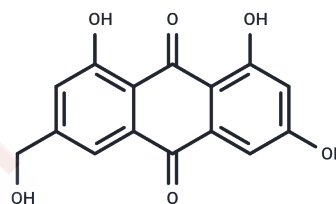


Citreorosein

Chemical Properties

CAS No. :	481-73-2
Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.239
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	Citreorosein is a cAMP phosphodiesterase inhibitor, it has anti-inflammatory effect, inhibits proinflammatory cytokines production through the inhibition of both MAPKs and AKT-mediated IκB kinase (IKK) phosphorylation and subsequent inhibition of transcription factor NF-κB activation.
Targets(IC50)	cAMP,NF-κB,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4936 mL	17.4679 mL	34.9357 mL
5 mM	0.6987 mL	3.4936 mL	6.9871 mL
10 mM	0.3494 mL	1.7468 mL	3.4936 mL
50 mM	0.0699 mL	0.3494 mL	0.6987 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.

Reference

Citreorosein inhibits degranulation and leukotriene C₄ generation through suppression of Syk pathway in mast cells. Mol Cell Biochem. 2012 Jun;365(1-2):333-41.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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