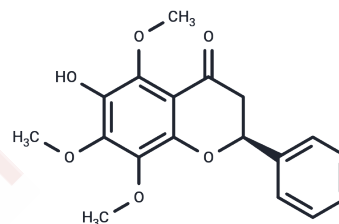


Isopedicin

Chemical Properties

CAS No. :	4431-42-9
Formula:	C ₁₈ H ₁₈ O ₆
Molecular Weight:	330.33
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	Isopedicin has anti-inflammatory functions, it inhibits the O(2)(*)(-) production in human neutrophils by an elevation of cellular cAMP and activation of PKA through its inhibition of cAMP-specific PDE.
Targets(IC50)	cAMP,JNK,NADPH-oxidase,p38 MAPK,PDE,PKA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0273 mL	15.1364 mL	30.2728 mL
5 mM	0.6055 mL	3.0273 mL	6.0546 mL
10 mM	0.3027 mL	1.5136 mL	3.0273 mL
50 mM	0.0605 mL	0.3027 mL	0.6055 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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