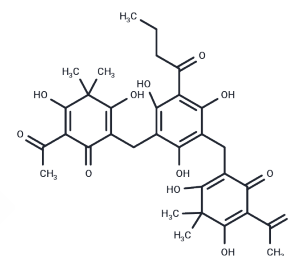


Filixic acid ABA

Chemical Properties

CAS No. :	38226-84-5
Formula:	C32H36O12
Molecular Weight:	612.62
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	Filixic acid ABA exhibits inhibitory effects on neuraminidase of influenza virus H5N1 with IC50 as 29.57 ± 2.48 μM, it may have anti-influenza virus activity.
Targets(IC50)	Parasite, Influenza Virus
In vitro	Four unusual terpenylated acylphloroglucinols were isolated from the diethyl ether extract of the scales and rhizomes of the fern <i>Dryopteris wallichiana</i> together with the known compounds albaspidins AA and AB, and Filixic acid ABA and filixic acid ABB. Structures of the isolated compounds were established by extensive spectroscopic analysis and their absolute configuration at C-14' was determined by comparing their CD spectra with those simulated for the respective isomers[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6323 mL	8.1617 mL	16.3233 mL
5 mM	0.3265 mL	1.6323 mL	3.2647 mL
10 mM	0.1632 mL	0.8162 mL	1.6323 mL
50 mM	0.0326 mL	0.1632 mL	0.3265 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

Unusual terpenylated acylphloroglucinols from *Dryopteris wallichiana* *Phytochemistry*, 2012, 80: 115122.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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