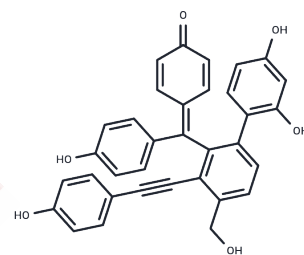


Selaginellin F

Chemical Properties

CAS No. :	1340493-24-4
Formula:	C ₃₄ H ₂₄ O ₆
Molecular Weight:	528.55
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	Selaginellin F is a natural product from Selaginella pulvinata.
In vitro	Six selaginellin derivatives, including three new analogues selaginellin D, selaginellin E, Selaginellin F (1-3), were isolated from the EtOAc extract of the whole plant of Selaginella pulvinata (Hook. et Grev.) Maxim. METHODS AND RESULTS: Their structures were determined on the basis of extensive physical and chemical evidence. Compounds 1 and 4 demonstrated antifungal activities against Candida albicans; compounds 4-6 exhibited significant antibacterial activity against Staphylococcus aureus.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.892 mL	9.4598 mL	18.9197 mL
5 mM	0.3784 mL	1.892 mL	3.7839 mL
10 mM	0.1892 mL	0.946 mL	1.892 mL
50 mM	0.0378 mL	0.1892 mL	0.3784 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

Antimicrobial selaginellin derivatives from Selaginella pulvinata. Bioorg Med Chem Lett. 2010 Apr 15;20(8):2456-60.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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