

Isonanangenine B

Chemical Properties

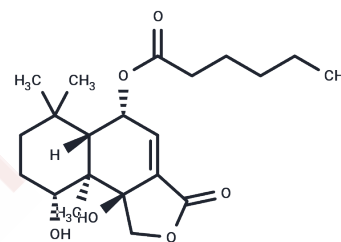
CAS No. : 1623153-14-9

Formula: C₂₁H₃₂O₆

Molecular Weight: 380.48

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	Isonanangenine B is a drimane sesquiterpene lactone that has been found in <i>Aspergillus</i> . It decreases survivin mRNA expression in a reporter assay when used at concentrations of 13.6, 18.42, and 26.31 μ M. Isonanangenine B (18.42 μ M) inhibits STAT3 and NF- κ B binding to the survivin promoter in chromatin immunoprecipitation (ChIP) assays. It also induces apoptosis in COLO 320DM cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6283 mL	13.1413 mL	26.2826 mL
5 mM	0.5257 mL	2.6283 mL	5.2565 mL
10 mM	0.2628 mL	1.3141 mL	2.6283 mL
50 mM	0.0526 mL	0.2628 mL	0.5257 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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