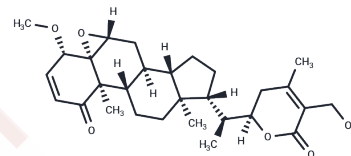


4-Methyl withaferin A

Chemical Properties

CAS No. :	1777780-94-5
Formula:	C ₂₉ H ₄₀ O ₆
Molecular Weight:	484.62
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	4-Methylwithaferin A, a withaferin A analog, exhibits antitumor activity [1].
In vitro	Methyl withaferin A exhibits cytotoxic activity against HeLa, A-549, and MCF-7 cells, demonstrating inhibition at IC ₅₀ values of 2 μM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0635 mL	10.3174 mL	20.6347 mL
5 mM	0.4127 mL	2.0635 mL	4.1269 mL
10 mM	0.2063 mL	1.0317 mL	2.0635 mL
50 mM	0.0413 mL	0.2063 mL	0.4127 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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