

Asparanin A

Chemical Properties

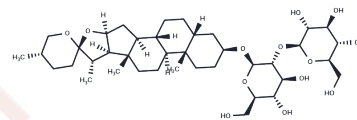
CAS No. : 84633-33-0

Formula: C₃₉H₆₄O₁₃

Molecular Weight: 740.92

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	Asparanin A, an apoptosis inducer with anticancer properties, arrests the cell cycle in the G ₀ /G ₁ phase via the mitochondria and PI3K/AKT signaling pathways. It effectively inhibits cancer cell proliferation and has shown in vivo efficacy in a mouse xenograft model of Ishikawa endometrial carcinoma, significantly reducing tumor growth [1].
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3497 mL	6.7484 mL	13.4967 mL
5 mM	0.2699 mL	1.3497 mL	2.6993 mL
10 mM	0.135 mL	0.6748 mL	1.3497 mL
50 mM	0.027 mL	0.135 mL	0.2699 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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