

Monaspin B

Chemical Properties

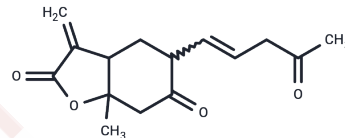
CAS No. : 2897653-87-9

Formula: C₁₅H₁₈O₄

Molecular Weight: 262.3

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	Monaspin B, a natural product from the co-culture of <i>Monascus purpureus</i> and <i>Aspergillus oryzae</i> , exhibits anti-proliferative activity by inducing apoptosis in HL-60 cells at an IC ₅₀ of 160 nM, demonstrating its antitumor properties [1].
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8124 mL	19.0621 mL	38.1243 mL
5 mM	0.7625 mL	3.8124 mL	7.6249 mL
10 mM	0.3812 mL	1.9062 mL	3.8124 mL
50 mM	0.0762 mL	0.3812 mL	0.7625 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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