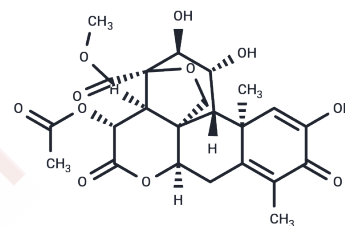


Dehydrobruceine B

Chemical Properties

CAS No. : 53730-90-8
 Formula: C₂₃H₂₆O₁₁
 Molecular Weight: 478.45
 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	Dehydrobruceine B, a quassinoid isolated from <i>Brucea javanica</i> , demonstrates a synergistic effect with Cisplatin in inducing apoptosis through the mitochondrial pathway. It enhances the expression of apoptosis-inducing factor (AIF) and Bax while inhibiting Keap1-Nrf2 [1].
Targets(IC50)	Apoptosis, Bcl-2 Family, Others, Nrf2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0901 mL	10.4504 mL	20.9008 mL
5 mM	0.418 mL	2.0901 mL	4.1802 mL
10 mM	0.209 mL	1.045 mL	2.0901 mL
50 mM	0.0418 mL	0.209 mL	0.418 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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