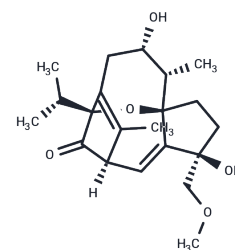


## Alterbrassicene B

## Chemical Properties

CAS No. :	2575789-01-2
Formula:	C <sub>21</sub> H <sub>30</sub> O <sub>5</sub>
Molecular Weight:	362.46
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	Alterbrassicene B, an anticancer agent, is isolatable from the fungus <i>Alternaria brassicicola</i> [1].
In vitro	Alterbrassicene B exhibits cytotoxic effects on the OVCAR and MDA-MB-231 cancer cell lines, demonstrating half-maximal inhibitory concentrations (IC <sub>50</sub> s) of 19.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7589 mL	13.7946 mL	27.5893 mL
5 mM	0.5518 mL	2.7589 mL	5.5179 mL
10 mM	0.2759 mL	1.3795 mL	2.7589 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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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