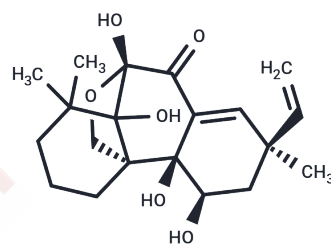


## Diaporthein B

## Chemical Properties

CAS No. :	577705-64-7
Formula:	C <sub>20</sub> H <sub>28</sub> O <sub>6</sub>
Molecular Weight:	364.43
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	Diaporthein B, a highly oxidized pimarane diterpene, demonstrates significant activity against <i>M. tuberculosis</i> with a MIC of 3.1 µg/mL and exhibits IC <sub>50</sub> values ranging from 1.5-3 µM/L against HCT 116 and LoVo colon cancer cells [1].
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.744 mL	13.7201 mL	27.4401 mL
5 mM	0.5488 mL	2.744 mL	5.488 mL
10 mM	0.2744 mL	1.372 mL	2.744 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 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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