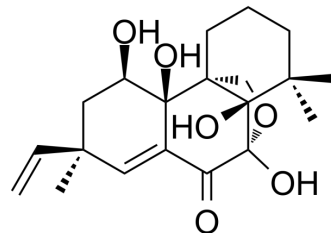


## Diaporthein B

Cat. No.:	HY-149066
CAS No.:	577705-64-7
Molecular Formula:	C <sub>20</sub> H <sub>28</sub> O <sub>6</sub>
Molecular Weight:	364.43
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Diaporthein B is one of the most highly oxidized pimarane diterpenes. Diaporthein B exhibits activity against *M. tuberculosis*, with a MIC of 3.1 µg/mL. Diaporthein B reveals IC<sub>50</sub>s of 1.5-3 µM against HCT 116 and LoVo colon cancer cells<sup>[1]</sup>.

### REFERENCES

[1]. Ian Tingyung Hsu, et al. Fragment Coupling Approach to Diaporthein B. *J Org Chem.* 2023 Feb 17;88(4):2221-2244.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA