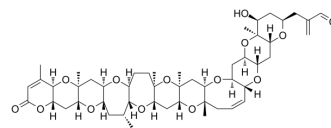


Brevetoxin B

Cat. No.:	HY-12546
CAS No.:	79580-28-2
Molecular Formula:	C ₅₀ H ₇₀ O ₁₄
Molecular Weight:	895.08
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Brevetoxin B (Brevetoxin-2; PbTx-2) is a polyketide neurotoxin produced by *Karenia* species and other dinoflagellates. Brevetoxin B binds to site 5 on the alpha subunit of voltage-gated sodium channels (IC₅₀=15 nM) on neurons at the neuromuscular junction, causing the channel to open irreversibly at potentials more negative than normal, discharging action potentials repetitively.

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