

Catalog	Unit
TBI2746-25UG	25 ug

Product Details

Formal Name: Natural product from Bacillus cereus

Molecular Formula: C₅₇H₉₆N₆O₁₈

Formula Weight: 1153.40

CAS Number: 157232-64-9

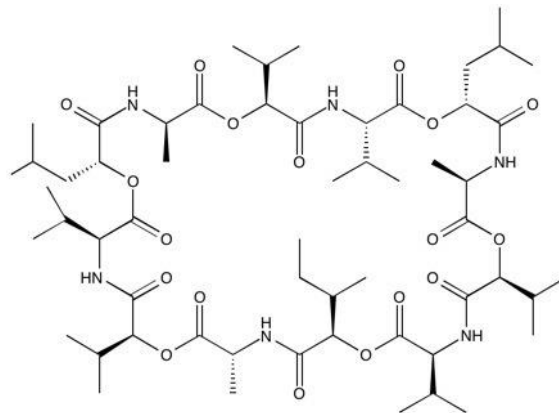
Purity: >98%

Formulation: Solution in EtOH (25 µg per 200 µl)

Solubility: Soluble in DMSO or Ethanol

Storage: -20°C

Stability: ≥ 1 year.



Applications

Mitochondria toxin

Functions

An emetic toxin produced by Bacillus cereus. Acts as an ionophore with high selectivity for K⁺. Stimulates swelling and respiration in rat liver mitochondria. It is a lipophilic cyclopeptide and is rapidly absorbed in the gut and transported into the bloodstream. The causative agent in various forms of gastroenteritic disease associated with food poisoning.

WARNING: Exercise caution when handling and using this compound. Avoid exposure.

Application Procedures

First dissolved in DMSO or Ethanol, then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.