

Destruxin B, Apoptosis inducer; anticancer agent

Catalog	Unit
TBI3312-200UG	200 ug
TBI3312-1MG	1 mg

Product Details

Formal Name: Fermentation product produced by *Metarrhizium anisopliae*

Molecular Formula: C₃₀H₅₁N₅O₇

Formula Weight: 593.80

CAS Number: 2503-26-6

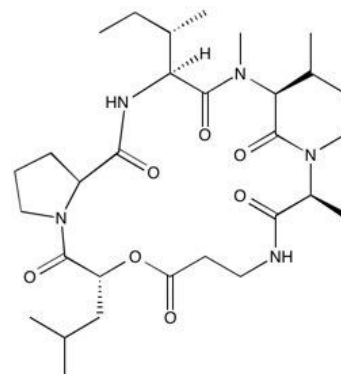
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 10 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Apoptosis inducer; anticancer agent

Functions

A cyclic depsipeptide produced by various species of fungi. Induces apoptosis in human nonsmall cell lung cancer cells. Displays selective cytotoxic effects on human oral cancer cell lines. Inhibits hepatocellular carcinoma cell growth via modulation of the Wnt/β-catenin pathway.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.