

## Ansatrienin B, Cytotoxic activity

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Catalog	Unit
TBI1576-100UG	100 ug
TBI1576-1MG	1 mg

### Product Details

**Formal Name:** Fermentation product from *Streptomyces* sp

**Alternate Names:** Mycotrienin II; Antibiotic T2311

**Molecular Formula:** C<sub>36</sub>H<sub>50</sub>N<sub>2</sub>O<sub>8</sub>

**Formula Weight:** 638.87

**CAS Number:** 82189-04-6

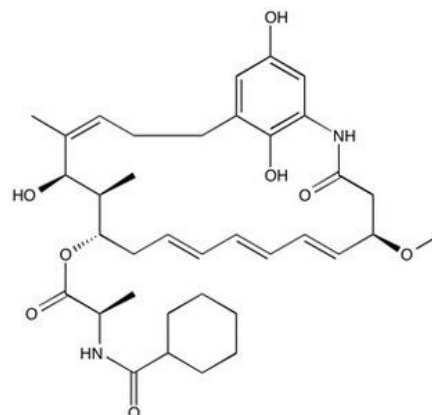
**Purity:** >98%

**Formulation:** Lyophilized

**Solubility:** Soluble in DMSO, DMF, ethanol and methanol

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Cytotoxic activity

### Functions

Represents a novel class of ansamycins. Inhibits osteoclastic bone resorption. Potentiates the activity of several clinically useful antitumor agents. Translation inhibitor which prevents ICAM-1 expression induced by pro-inflammatory cytokines.

### Application Procedures

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

**For research use only.**