

Catalog	Unit
TBI2396 - 1MG	1 mg
TBI2396 - 5MG	5 mg

### Product Details

**Molecular Formula:** C<sub>34</sub>H<sub>59</sub>NO<sub>15</sub>

**Formula Weight:** 721.85

**CAS Number:** 116355-83-0

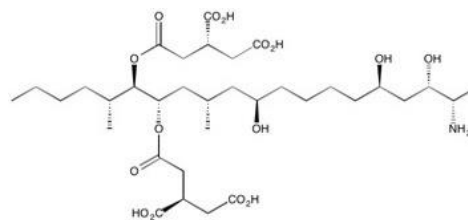
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in Water (up to 25 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Blocks sphingolipid biosynthesis

### Functions

Fumonisin B<sub>1</sub> (116355-83-0) inhibits ceramide synthesis (sphinganine N-acyltransferase), IC<sub>50</sub> = 100 nM. Inhibits de novo sphingolipid biosynthesis (IC<sub>50</sub> = 0.7 μM) thereby blocking glycosphingolipid production.

### Application Procedures

Dissolved in water (up to 25 mg/ml). Solutions in distilled water may be stored at -20° for up to 3 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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