Fumonisin B1

Code No.: BIA-F1257
Pack sizes: 0.5 mg, 2.5 mg

Synonyms: Macrofusin

Specifications
CAS #: 116355-83-0
Molecular Formula: C_{34}H_{59}NO_{15}
Molecular Weight: 721.8
Source: Fusarium moniliforme
Appearance: Light tan powder
Purity: >99% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes
Fumonisin B1 is a major analogue of a family of potent mycotoxins produced by various Fusarium species, associated with animal toxicity worldwide. In vitro, fumonisin B1 inhibits sphingosine N-acyl-transferase (ceramide synthase) and blocks the growth of axons.

References