

Fumonisin B1

Catalogue No.: abx076560

Fumonisin B1 is a small molecule. Fumonisin B1 is the most prevalent member of a family of toxins. It is hepatotoxic and nephrotoxic in all animal species. It occupies the space and electrostatic interactions of both sphinganine and fatty acyl-CoA (1). Due to this mechanism of action, it has toxic effects in humans such as neural tube defects (2), esophageal cancer, acute mycotoxicosis, and various other carcinogenic effects. Another effect of exposure to FB1 is apoptosis (2).

Target: Fumonisin B1**Origin:** Synthetic**Purity:** >98%**Form:** Beige Solid**CAS** 116355-83-0**Number:****Storage:** Store at -20 °C.**Molecular** 721.83**Weight:****Molecular** C₃₄H₅₉NO₁₅**Formula:****SMILES:** CCCC(C)C(C(CC(C)CC(CCCCC(CC(C(C)N)O)O)O)OC(=O)CC(CC(=O)O)C(=O)O)OC(=O)CC(CC(=O)O)C(=O)O**Note:** This product is for research use only.