

Product Data Sheet

Product Name: Fumonisin B3

Cat. No.: GC43710

Chemical Properties

Cas. No. 1422359-85-0

SMILES C[C@H](N)[C@@H](O)CCCCC[C@@H](O)C[C@H](C)C[C@H](OC(C[C@H](C(O)=O)CC(O)=O)=O)[C@H](OC(C[C@H](C(O)=O)CC(O)=O)=O)[C@H](C)CCCC

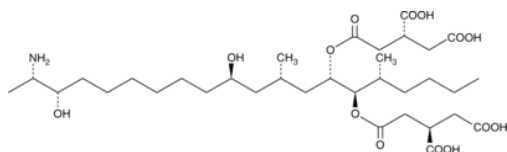
Formula C₃₄H₅₉NO₁₄ M.Wt 705.8

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Fumonisin B3 is a mycotoxin produced from *F. moniliforme*, a prevalent fungus of corn and other grains. Outbreaks of food poisoning in livestock and humans following the consumption of *Fusarium* infested corn are caused by fumonisins. Fumonisins function as inhibitors of ceramide synthase (sphingosine N-acyltransferase).

Caution: Product has not been fully validated for medical applications. For research use only.

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