

Product Data Sheet

Product Name: Deoxyfusapyrone

Cat. No.: GC41092

Chemical Properties

Cas. No. 156856-32-5

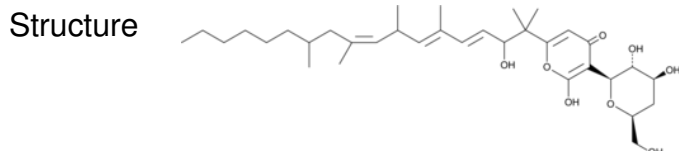
SMILES O[C@H]1C[C@@H](CO)O[C@@H](C2=C(O)OC(C(C)(C)C(O)/C=C/C(C)=C/C(C)/C=C(C)\CC(C)CCCCC)=CC2=O)[C@@H]1O

Formula C₃₄H₅₄O₈ M.Wt 590.8

Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble, Methanol: soluble
Storage Store at -20°C

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

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



Background

Deoxyfusapyrone is an α-pyrone fungal metabolite originally isolated from *F. semitectum* and has antifungal activity. It is active against *C. neoformans*, *A. fumigatus*, *A. niger*, and *A. flavus* human mycoses (MICs = 1.56-6.25 µg/ml). Deoxyfusapyrone is also active against a variety of filamentous fungi, but not yeast or the bacterium *B. megaterium*, in a disc assay.

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

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