
Product Data Sheet

Product Name: epi-Ivermectin B1a

Cat. No.: GC41008

Chemical Properties

Cas. No.

SMILES C/C([C@@H](O[C@@]1([H])C[C@H](OC)[C@@H](O[C@]2([H])O[C@@H](C)[C@H](O)[C@@H](OC)C2)[C@H](C)O1)[C@@H](C)/C=C/C=C(CO3)/[C@@]([C@@]3([H])[C@H](O)C(C)=C4)(O)[C@@]4([H])C5=O)=C\C[C@]6([H])C[C@@](O5)([H])C[C@]7(CC[C@H](C)[C@]([C@H](CC)C)([H])O7)O6

Formula C₄₈H₇₄O₁₄

M.Wt 875.1

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.

Structure

Background

epi-Ivermectin B1a is a degradation product formed by the reversible base-catalyzed isomerization of ivermectin B1a. It is less active than ivermectin against *T. urticae* (LC90s = 4.0 and 0.038 ppm, respectively).

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

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