

Product Data Sheet

Product Name: Ivermectin B1a aglycone

Cat. No.: GC43923

Chemical Properties

Cas. No. 73162-95-5

SMILES C/C([C@@H](O)[C@@H](C)/C=C/C=C(CO1)/[C@@]([C@@]1([H])[C@H](O)C(C)=C2)(O)[C@]2([H])C3=O)=C\C[C@]4([H])C[C@@](O3)([H])C[C@]5(CC[C@H](C)[C@]([C@H](CC)C)([H])O5)O4

Formula C₃₄H₅₀O₈

M.Wt 586.8

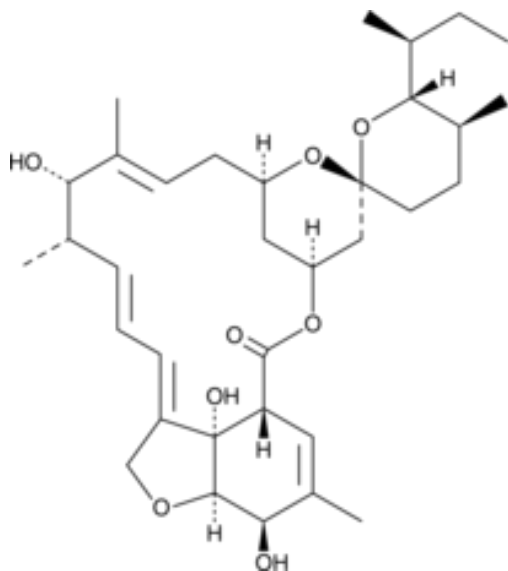
Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble, Methanol: soluble

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.

Structure



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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Ivermectin B1a aglycone is an acid degradation product produced by hydrolysis of the disaccharide unit of ivermectin. It can inhibit nematode larval development, but does not cause paralytic activity.

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