

Product Data Sheet

Product Name: 8,9-Z-Abamectin B1a

Cat. No.: GC79851

Chemical Properties

Cas. No. 113665-89-7

Formula $C_{48}H_{72}O_{14}$

M.Wt 873.08

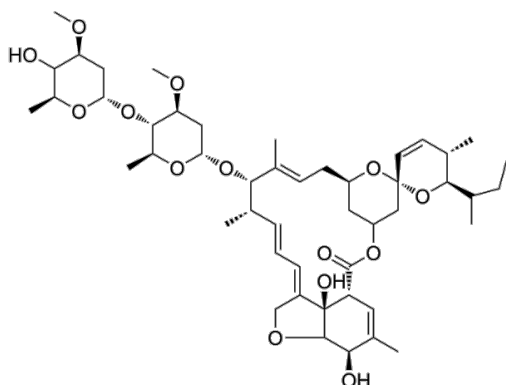
Solubility

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

8,9-Z-Abamectin B1a is the 8,9-Z-isomer of Abamectin B1a. Avermectin B1a is an antiparasitic agent that paralyzes nematodes [1] [2].

References:

[1]. Sun Y, et al. Bioaccumulation and elimination of avermectin B1a in the earthworms (*Eisenia fetida*). Chemosphere. 2005 Jul;60(5):699-704.

[2]. Payne GT, et al. Activation of gamma-aminobutyric acid insensitive chloride channels in mouse brain synaptic vesicles by avermectin B1a. J Biochem Toxicol. 1991 Winter;6(4):283-92.

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

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