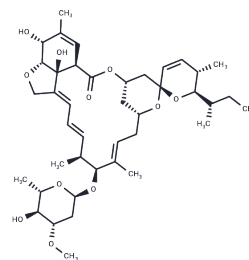


Avermectin B1a monosaccharide

Chemical Properties

CAS No. :	71831-09-9
Formula:	C41H60O11
Molecular Weight:	728.92
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Avermectin B1a monosaccharide is a macrolide anthelmintic and monosaccharide form of avermectin B1a . It is lethal to <i>C. elegans</i> with a minimum active concentration (MAC) value of 0.1 μ M. Avermectin B1a monosaccharide also stimulates conductance in isolated shore crab muscle.
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3719 mL	6.8595 mL	13.7189 mL
5 mM	0.2744 mL	1.3719 mL	2.7438 mL
10 mM	0.1372 mL	0.6859 mL	1.3719 mL
50 mM	0.0274 mL	0.1372 mL	0.2744 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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