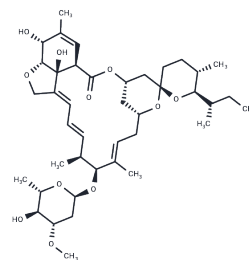


Ivermectin B1a monosaccharide

Chemical Properties

CAS No. :	71837-27-9
Formula:	C41H62O11
Molecular Weight:	730.936
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ivermectin B1a monosaccharide is produced by selective hydrolysis of the terminal saccharide unit of ivermectin. It can inhibit nematode larval development, but does not cause paralytic activity. This compound has been used as a probe to detect some types of ivermectin resistance.
Targets(IC50)	Others,Parasite

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.3681 mL	6.8405 mL	13.681 mL
5 mM	0.2736 mL	1.3681 mL	2.7362 mL
10 mM	0.1368 mL	0.6841 mL	1.3681 mL
50 mM	0.0274 mL	0.1368 mL	0.2736 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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