

Avermectin B1

Chemical Properties

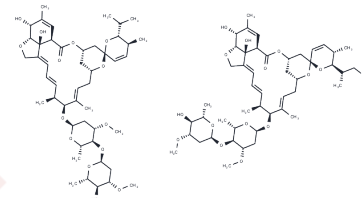
CAS No. : 71751-41-2

Formula: C₄₈H₇₂O₁₄

Molecular Weight: 873.09

Appearance: no data available

Storage: store at low temperature
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Avermectin B1 is served as anthelmintic and insecticide.
Targets(IC50)	Antibiotic,Parasite,Autophagy

Solubility Information

Solubility	DMSO: 50 mg/mL (57.27 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1454 mL	5.7268 mL	11.4536 mL
5 mM	0.2291 mL	1.1454 mL	2.2907 mL
10 mM	0.1145 mL	0.5727 mL	1.1454 mL
50 mM	0.0229 mL	0.1145 mL	0.2291 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.

Reference

Mogg TD, et al. Aust Vet J. 1990 Nov;67(11):399-401.

Fan Q, Li X, Wei C, et al.Extraction, structure characterization and biological activity determination of (S)-(-)-

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