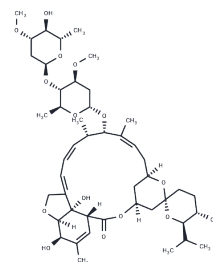


Ivermectin B1b

Chemical Properties

CAS No. :	70209-81-3
Formula:	C47H72O14
Molecular Weight:	861.079
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	Ivermectin B1b is the minor component and produces antiparasitic activity by binding to glutamate-gated chloride channels expressed on nematode neurons and pharyngeal muscle cells, inducing irreversible channel opening and very long-lasting hyperpolarization/depolarization of the neuron/muscle cell, thereby blocking further function.
Targets(IC50)	Others,Parasite,SARS-CoV

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.1613 mL	5.8067 mL	11.6133 mL
5 mM	0.2323 mL	1.1613 mL	2.3227 mL
10 mM	0.1161 mL	0.5807 mL	1.1613 mL
50 mM	0.0232 mL	0.1161 mL	0.2323 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481