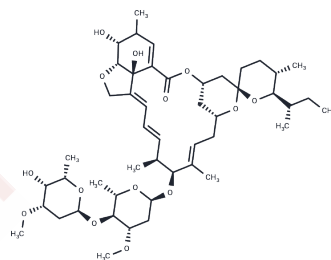


## 2,3-Dehydro-3,4-dihydro ivermectin

## Chemical Properties

CAS No. :	1135339-49-9
Formula:	C48H74O14
Molecular Weight:	875.106
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	2,3-Dehydro-3,4-dihydro ivermectin, an ivermectin analog and anthelmintic, demonstrates efficacy against <i>L. amazonensis</i> promastigotes and amastigotes, with IC50 values of 13.8 $\mu$ M and 3.6 $\mu$ M, respectively, while maintaining a low cytotoxicity profile in macrophages (IC50 = 65.5 $\mu$ M).
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1427 mL	5.7136 mL	11.4271 mL
5 mM	0.2285 mL	1.1427 mL	2.2854 mL
10 mM	0.1143 mL	0.5714 mL	1.1427 mL
50 mM	0.0229 mL	0.1143 mL	0.2285 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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