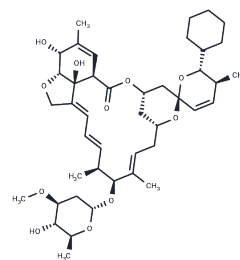


Doramectin monosaccharide

Chemical Properties

CAS No. :	165108-44-1
Formula:	C43H62O11
Molecular Weight:	754.95
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	Doramectin monosaccharide is an acid degradation product of doramectin, a disaccharide-containing anthelmintic that potentiates glutamate- and GABA-gated chloride channel opening in nematodes. Doramectin undergoes acid-catalyzed hydrolysis to form doramectin monosaccharide.
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	1.3246 mL	6.623 mL	13.2459 mL
5 mM	0.2649 mL	1.3246 mL	2.6492 mL
10 mM	0.1325 mL	0.6623 mL	1.3246 mL
50 mM	0.0265 mL	0.1325 mL	0.2649 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.

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