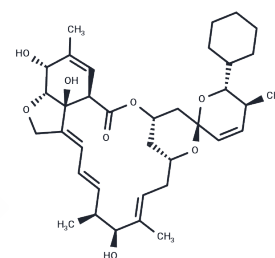


Doramectin aglycone

Chemical Properties

CAS No. :	1987883-26-0
Formula:	C ₃₆ H ₅₀ O ₈
Molecular Weight:	610.788
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 aglycone is an acid degradation product of doramectin, a disaccharide-containing anthelmintic that potentiates glutamate- and GABA-gated chloride channel opening in nematodes, and its acid-catalyzed hydrolysis product doramectin monosaccharide. Doramectin undergoes one round of acid-catalyzed hydrolysis to form doramectin monosaccharide which is then hydrolyzed again to remove the remaining saccharide unit and form doramectin aglycone.
Targets(IC50)	Others

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6372 mL	8.1861 mL	16.3722 mL
5 mM	0.3274 mL	1.6372 mL	3.2744 mL
10 mM	0.1637 mL	0.8186 mL	1.6372 mL
50 mM	0.0327 mL	0.1637 mL	0.3274 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481