

2-epi-Abamectin

Chemical Properties

CAS No. :	106434-14-4
Formula:	C ₄₈ H ₇₂ O ₁₄
Molecular Weight:	873.08
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	2-epi-Abamectin, a degradation product of abamectin, exhibits toxicity towards the two-spotted spider mite in contact assays, possessing an LC ₅₀ value of 4 ppm. This indicates it is approximately 100-fold less potent than its precursor, abamectin.
Targets(IC ₅₀)	Others,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1454 mL	5.7269 mL	11.4537 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.

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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