

Spinosyn L

Chemical Properties

CAS No. :	149092-01-3
Formula:	C ₄₁ H ₆₅ N ₁₀ O ₁₀
Molecular Weight:	731.97
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	Spinosyn L is a selective nicotinic acetylcholine receptor (nAChR) agonist that induces prolonged neural excitation and paralysis in insects. It holds potential for development as an insecticide to control Lepidoptera, Diptera, and other agricultural pests.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3662 mL	6.8309 mL	13.6618 mL
5 mM	0.2732 mL	1.3662 mL	2.7324 mL
10 mM	0.1366 mL	0.6831 mL	1.3662 mL
50 mM	0.0273 mL	0.1366 mL	0.2732 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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