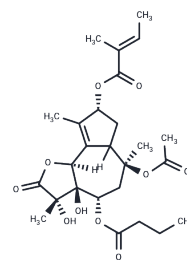


Notrilobolide

Chemical Properties

CAS No. :	2363714-40-1
Formula:	C ₂₆ H ₃₆ O ₁₀
Molecular Weight:	508.56
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	Notrilobolide, an alkaloid with insecticidal properties, is isolated from sweet potatoes and impedes larval development in pests such as <i>Tribolium castaneum</i> . It disrupts the digestion and reproduction of insects by reducing their fecundity [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9663 mL	9.8317 mL	19.6634 mL
5 mM	0.3933 mL	1.9663 mL	3.9327 mL
10 mM	0.1966 mL	0.9832 mL	1.9663 mL
50 mM	0.0393 mL	0.1966 mL	0.3933 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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