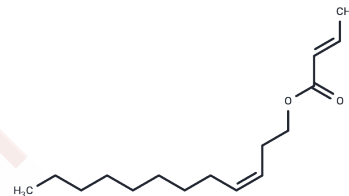


Z3-Dodecenyl E2-butenate

Chemical Properties

CAS No. :	104086-73-9
Formula:	C ₁₆ H ₂₈ O ₂
Molecular Weight:	252.398
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	Z3-Dodecenyl E2-butenate, a female sex pheromone of the sweet potato weevil (<i>C. formicarius</i>), is utilized for baiting and trapping male sweet potato weevils. This method aids in managing their populations in agricultural fields while minimizing insecticide use.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.962 mL	19.8098 mL	39.6197 mL
5 mM	0.7924 mL	3.962 mL	7.9239 mL
10 mM	0.3962 mL	1.981 mL	3.962 mL
50 mM	0.0792 mL	0.3962 mL	0.7924 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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