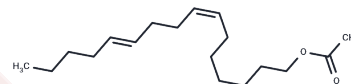


(Z,E)-7,11-Hexadecadienyl acetate

Chemical Properties

CAS No. : 53042-79-8
 Formula: C₁₈H₃₂O₂
 Molecular Weight: 280.45
 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	(Z,E)-7,11-Hexadecadienyl acetate ((7Z,11E)-Gossyplure; (Z7,E11-16:Ac)) is a synthetic female sex pheromone isolated for its ability to attract the almond moth (<i>Cadra cautella</i>), the pink bollworm (<i>Pectinophora gossypiella</i>), and the beet armyworm (<i>Spodoptera exigua</i>).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5657 mL	17.8285 mL	35.657 mL
5 mM	0.7131 mL	3.5657 mL	7.1314 mL
10 mM	0.3566 mL	1.7828 mL	3.5657 mL
50 mM	0.0713 mL	0.3566 mL	0.7131 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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