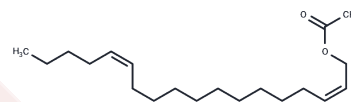


(2Z,13Z)-Octadecadienyl acetate

Chemical Properties

CAS No. : 86252-65-5
 Formula: C₂₀H₃₆O₂
 Molecular Weight: 308.50
 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 (2Z,13Z)-Octadecadienyl acetate serves as a female pheromone that lures male clearwing moths, thereby interfering with mating. It has been extracted from Japanese persimmon clearwing moths (*Synanthedon tenuis* (Lepidoptera: Sesiidae)).

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2415 mL | 16.2075 mL | 32.4149 mL |
| 5 mM | 0.6483 mL | 3.2415 mL | 6.483 mL |
| 10 mM | 0.3241 mL | 1.6207 mL | 3.2415 mL |
| 50 mM | 0.0648 mL | 0.3241 mL | 0.6483 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.

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