

Product Data Sheet

Product Name: Z3-Dodecenyl E2-butenate

Cat. No.: GC40293

Chemical Properties

Cas. No. 104086-73-9

SMILES C/C=C/C(OCC/C=C\CCCCCCCC)=O

Formula C₁₆H₂₈O₂

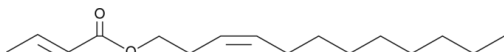
M.Wt 252.4

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, Ethanol: 50 mg/ml

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure 

Background

Z3-Dodecenyl E2-butenate is a female sex pheromone produced by the sweet potato weevil, *C. formicarius*. It has been used to bait and trap male sweet potato weevils to manage population counts in agriculture fields with reduced use of insecticides.

Caution: Product has not been fully validated for medical applications. For research use only.

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