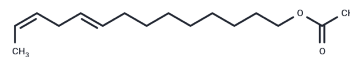


(9Z,12E)-Tetradecadien-1-yl acetate

Chemical Properties

CAS No. : 31654-77-0
 Formula: C₁₆H₂₈O₂
 Molecular Weight: 252.39
 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	(9Z,12E)-Tetradecadien-1-yl acetate is the main component of the pheromone of insects <i>Plodia interpunctella</i> and <i>Ephestia kuehniella</i> , and cereal pests.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9621 mL	19.8106 mL	39.6212 mL
5 mM	0.7924 mL	3.9621 mL	7.9242 mL
10 mM	0.3962 mL	1.9811 mL	3.9621 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.

Reference

E. D. Matveeva, et al. Stereodirectional synthesis of the main component of pheromone (9Z,12E)-tetradeca-9,12-dienyl acetate by cross-coupling. Russian Journal of Electrochemistry, June 2000, 36(6): 765-770.

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