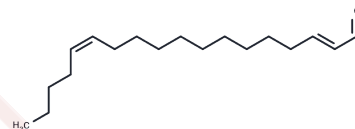


(2E,13Z)-Octadecadienal

Chemical Properties

CAS No. : 99577-57-8
 Formula: C₁₈H₃₂O
 Molecular Weight: 264.45
 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	(2E,13Z)-Octadecadienal is a component isolated from the pheromone of certain insects, such as the clearwing borer (<i>Synanthedon tipuliformis</i> (Clerck)) or the raspberry crown borer (<i>Pennisetia marginata</i> (Harris)). It is derived from (2E,13Z)-Octadecadienyl acetate, which provokes a strong antennal response in males.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7814 mL	18.9072 mL	37.8143 mL
5 mM	0.7563 mL	3.7814 mL	7.5629 mL
10 mM	0.3781 mL	1.8907 mL	3.7814 mL
50 mM	0.0756 mL	0.3781 mL	0.7563 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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