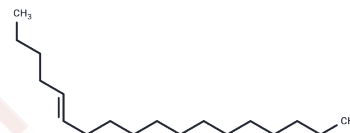


(E)-5-Octadecene

Chemical Properties

CAS No. :	7206-21-5
Formula:	C ₁₈ H ₃₆
Molecular Weight:	252.48
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	(E)-5-Octadecene ((E)-Octadec-5-ene) functions as a sex pheromone or a related chemical compound, interfering with the sexual attraction of female <i>Chilo suppressalis</i> Walker, known as the rice borer moth [1].
Targets(IC50)	Others
In vivo	(E)-5-Octadecene (Compound 10) leads to a 74% reduction in the sexual attractiveness of the armyworm moth [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9607 mL	19.8035 mL	39.6071 mL
5 mM	0.7921 mL	3.9607 mL	7.9214 mL
10 mM	0.3961 mL	1.9804 mL	3.9607 mL
50 mM	0.0792 mL	0.3961 mL	0.7921 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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