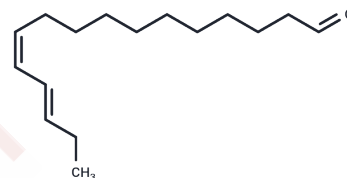


## (11Z,13E)-Hexadecadienal

## Chemical Properties

CAS No. :	73264-89-8
Formula:	C <sub>16</sub> H <sub>28</sub> O
Molecular Weight:	236.39
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	(11Z,13E)-Hexadecadienal is a synthetic isomer derived from hexane extracts of unmated female or female gland pheromones. It can be isolated from a sex pheromone blend containing (11Z,13Z)-hexadecadien-1-ol, (11Z,13E)-hexadecadien-1-ol, and (3Z,6Z,9Z,12Z,15Z)-tricosapentaene (C <sub>23</sub> pentaene), which is attractive to male navel orangeworm moths ( <i>Amyelois transitella</i> (Walker) [Lepidoptera: Pyralidae]).
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2303 mL	21.1515 mL	42.303 mL
5 mM	0.8461 mL	4.2303 mL	8.4606 mL
10 mM	0.423 mL	2.1151 mL	4.2303 mL
50 mM	0.0846 mL	0.423 mL	0.8461 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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