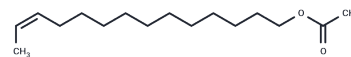


## (Z)-Tetradec-12-en-1-yl acetate

## Chemical Properties

CAS No. :	35153-20-9
Formula:	C <sub>16</sub> H <sub>30</sub> O <sub>2</sub>
Molecular Weight:	254.41
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(Z)-Tetradec-12-en-1-yl acetate (cis-12-Tetradecenylacetate) is a pheromone of the corn borer.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9307 mL	19.6533 mL	39.3066 mL
5 mM	0.7861 mL	3.9307 mL	7.8613 mL
10 mM	0.3931 mL	1.9653 mL	3.9307 mL
50 mM	0.0786 mL	0.3931 mL	0.7861 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

- Alam, A., Abbas, S., Abbas, A. et al. Emerging trends in insect sex pheromones and traps for sustainable management of key agricultural pests in Asia: beyond insecticides—a comprehensive review. *Int J Trop Insect Sci* 43, 1867-1882 (2023).
- Wanner KW, et al. Sex pheromone receptor specificity in the European corn borer moth, *Ostrinia nubilalis*. *PLoS One*. 2010 Jan 13;5(1):e8685.

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