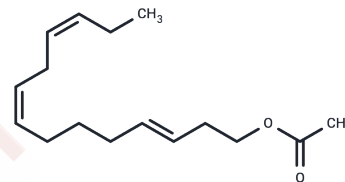


## (3E,8Z,11Z)-Tetradeca-3,8,11-trienyl acetate

## Chemical Properties

CAS No. :	163041-94-9
Formula:	C <sub>16</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	250.38
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(3E,8Z,11Z)-Tetradeca-3,8,11-trienyl acetate ((3e,8z,11z)-Tetradecatrienyl Acetate) is an additive for tobacco products and a vegetable pest pheromone that can be used to capture pests in agriculture.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9939 mL	19.9696 mL	39.9393 mL
5 mM	0.7988 mL	3.9939 mL	7.9879 mL
10 mM	0.3994 mL	1.997 mL	3.9939 mL
50 mM	0.0799 mL	0.3994 mL	0.7988 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

Ayelo, P.M., Mohamed, S.A., Chailleux, A. et al. The parasitoid *Dolichogenidea gelechiidivoris* eavesdrops on semiochemicals from its host *Tuta absoluta* and tomato. *J Pest Sci* 95, 633-652 (2022).

Attygalle A B, et al. Microscale, random reduction: Application to the characterization of (3E, 8Z, 11Z)-3, 8, 11-tetradecatrienyl acetate, a new lepidopteran sex pheromone[J]. *Tetrahedron letters*, 1995, 36(31): 5471-5474.

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