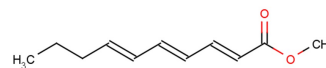


(2E,4E,6Z)-Methyl deca-2,4,6-trienoate

Chemical Properties

CAS No.: 51544-64-0
Formula: C₁₁H₁₆O₂
Molecular Weight: 180.24
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(2E,4E,6Z)-Methyl deca-2,4,6-trienoate is the aggregation pheromone of the brown-winged green bug, <i>Plautia stali</i> .
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.548 mL	27.741 mL	55.482 mL
5 mM	1.11 mL	5.548 mL	11.096 mL
10 mM	0.555 mL	2.774 mL	5.548 mL
50 mM	0.111 mL	0.555 mL	1.11 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Khirmian A, et al. Field trapping of the invasive brown marmorated stink bug, *Halyomorpha halys*, with geometric isomers of methyl 2,4,6-decatrienoate. *J Agric Food Chem.* 2008 Jan 9;56(1):197-203.

Inhibitors · Natural Compounds · Compound Libraries

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