

## (E,E,E)-2,7-Dimethylocta-2,4,6-Trienedial

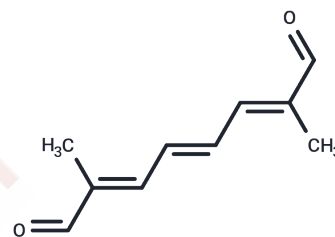
### Chemical Properties

CAS No. : 5056-17-7

Formula: C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight: 164.2

Storage: Store at low temperature, Store under nitrogen  
 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,E,E)-2,7-Dimethylocta-2,4,6-Trienedial is an organic chemical compound characterized by a conjugated trienedial structure that is used as a building block in complex organic synthesis, with potential applications in biology and medicine, particularly for its possible antioxidant and antimicrobial properties and its theorized involvement in cancer prevention pathways.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0901 mL	30.4507 mL	60.9013 mL
5 mM	1.218 mL	6.0901 mL	12.1803 mL
10 mM	0.609 mL	3.0451 mL	6.0901 mL
50 mM	0.1218 mL	0.609 mL	1.218 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.

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