

## Ethyl (E)-2-dodecenoate

## Chemical Properties

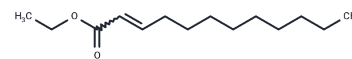
CAS No. : 78217-11-5

Formula: C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>

Molecular Weight: 226.36

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	Ethyl (E)-2-dodecenoate is a long-chain fatty acid ester that can be used in organic synthesis and biological experiments.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4177 mL	22.0887 mL	44.1774 mL
5 mM	0.8835 mL	4.4177 mL	8.8355 mL
10 mM	0.4418 mL	2.2089 mL	4.4177 mL
50 mM	0.0884 mL	0.4418 mL	0.8835 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

Yinyue Deng, et al. Cis-2-dodecenoic acid signal modulates virulence of *Pseudomonas aeruginosa* through interference with quorum sensing systems and T3SS. *BMC Microbiol.* 2013 Oct 18;13:231.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481