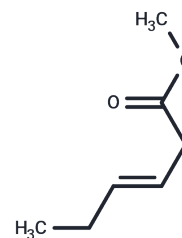


## Methyl trans-3-hexenoate

## Chemical Properties

CAS No. :	13894-61-6
Formula:	C7H12O2
Molecular Weight:	128.17
Storage:	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	Methyl trans-3-hexenoate is an ester compound characterized by the trans configuration of its double bond, Methyl trans-3-hexenoate is widely employed as a synthetic flavor and fragrance agent due to its fresh, fruity, and green odor profile, making it a common ingredient in the formulations used by the cosmetic and personal care industry.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.8021 mL	39.0107 mL	78.0214 mL
5 mM	1.5604 mL	7.8021 mL	15.6043 mL
10 mM	0.7802 mL	3.9011 mL	7.8021 mL
50 mM	0.156 mL	0.7802 mL	1.5604 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

Cagnina S, et al. First-Principles Chemical Kinetic Modeling of Methyl trans-3-Hexenoate Epoxidation by HO<sub>2</sub>. J Phys Chem A. 2017 Mar 9;121(9):1909-1915.

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