

## Propyl octanoate

## Chemical Properties

CAS No. : 624-13-5

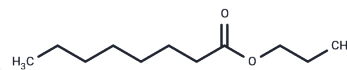
Formula: C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>

Molecular Weight: 186.29

Keep away from moisture

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	Propyl octanoate (Propyl n-Octanoate) is an industrial raw material commonly used in coatings, inks, lubricants and other fields.
Targets(IC50)	Others
In vitro	Propyl octanoate is a natural product found in <i>Glehnia littoralis</i> (sea beach lily) and <i>Bothriochloa bladhii</i> (Bladh grass).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.368 mL	26.8399 mL	53.6797 mL
5 mM	1.0736 mL	5.368 mL	10.7359 mL
10 mM	0.5368 mL	2.684 mL	5.368 mL
50 mM	0.1074 mL	0.5368 mL	1.0736 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

Shamanaev, I.V., Gerasimov, E.Y., Pakharukova, V.P. et al. Differences in triglycerides, methyl, and ethyl esters hydrodeoxygenation over Ni-phosphide catalysts. *Reac Kinet Mech Cat* 137, 935–949 (2024).

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