

## Methyl 3-hydroxynonanoate

## Chemical Properties

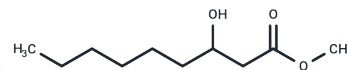
CAS No. : 83968-06-3

Formula: C<sub>10</sub>H<sub>20</sub>O<sub>3</sub>

Molecular Weight: 188.26

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	Methyl 3-hydroxynonanoate is a fatty acid.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3118 mL	26.559 mL	53.118 mL
5 mM	1.0624 mL	5.3118 mL	10.6236 mL
10 mM	0.5312 mL	2.6559 mL	5.3118 mL
50 mM	0.1062 mL	0.5312 mL	1.0624 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

Matysiak, S., et al. Chiral amide derivatives of ricinoleic acid and 3-hydroxynonanoic acid synthesis and cytotoxic activity. *Med Chem Res* 28, 948-958 (2019).

Ashby RD, et al. Methyl-branched poly(hydroxyalkanoate) biosynthesis from 13-methyltetradecanoic acid and mixed isostearic acid isomer substrates. *Appl Microbiol Biotechnol.* 2009 Nov;85(2):359-70.

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