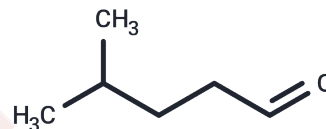


## Isocaproaldehyde

## Chemical Properties

CAS No. : 1119-16-0  
 Formula: C<sub>6</sub>H<sub>12</sub>O  
 Molecular Weight: 100.1589  
 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	Isocaproaldehyde is a biochemical.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.984 mL	49.9201 mL	99.8403 mL
5 mM	1.9968 mL	9.984 mL	19.9681 mL
10 mM	0.9984 mL	4.992 mL	9.984 mL
50 mM	0.1997 mL	0.9984 mL	1.9968 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

- Kankolongo Cibaka ML, Decourrière L, Lorenzo-Alonso CJ, Bodart E, Robiette R, Collin S. 3-Sulfanyl-4-methylpentan-1-ol in Dry-Hopped Beers: First Evidence of Glutathione S-Conjugates in Hop (*Humulus lupulus* L.). *J Agric Food Chem*. 2016 Nov 16;64(45):8572-8582. Epub 2016 Nov 7. PubMed PMID: 27933902.
- Yoshimoto FK, Jung IJ, Goyal S, Gonzalez E, Guengerich FP. Isotope-Labeling Studies Support the Electrophilic Compound I Iron Active Species, FeO(3+), for the Carbon-Carbon Bond Cleavage Reaction of the Cholesterol Side-Chain Cleavage Enzyme, Cytochrome P450 11A1. *J Am Chem Soc*. 2016 Sep 21;138(37):12124-41. doi: 10.1021/jacs.6b04437. Epub 2016 Sep 12. PubMed PMID: 27571509; PubMed Central PMCID: PMC5289895.
- Pastel E, Pointud JC, Martinez A, Lefrançois-Martinez AM. Aldo-Keto Reductases 1B in Adrenal Cortex Physiology. *Front Endocrinol (Lausanne)*. 2016 Jul 22;7:97. doi: 10.3389/fendo.2016.00097. eCollection 2016. Review. PubMed PMID: 27499746; PubMed Central PMCID: PMC4956669.
- Inagaki H, Kiyokawa Y, Tamogami S, Watanabe H, Takeuchi Y, Mori Y. Identification of a pheromone that increases anxiety in rats. *Proc Natl Acad Sci U S A*. 2014 Dec 30;111(52):18751-6. doi: 10.1073/pnas.1414710112. Epub 2014 Dec 15. PubMed PMID: 25512532; PubMed Central PMCID: PMC4284601.

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