

## Amyl-2-Methylbutyrate

## Chemical Properties

CAS No. : 68039-26-9

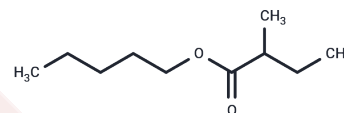
Formula: C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight: 172.26

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	Amyl-2-Methylbutyrate (Pentyl 2-methylbutanoate) shows nematocidal activity against pine wood nematodes and can be used to study nematocides.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8052 mL	29.0259 mL	58.0518 mL
5 mM	1.161 mL	5.8052 mL	11.6104 mL
10 mM	0.5805 mL	2.9026 mL	5.8052 mL
50 mM	0.1161 mL	0.5805 mL	1.161 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

Cao, Y., Wang, H., Zhou, Z. et al. Production region significantly influences the main volatiles of 'Fuji' apple. Food Measure 16, 1000-1011 (2022).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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