

## Pentyl isovalerate

## Chemical Properties

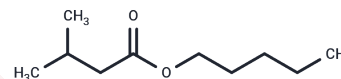
CAS No. : 25415-62-7

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

Molecular Weight: 172.27

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	Pentyl isovalerate is an organic compound belonging to the ester category. Formed from the reaction of pentanol and isovaleric acid, it carries a fruity aroma with subtle floral notes. Pentyl isovalerate finds numerous applications in the flavor and fragrance industry, particularly as a scent component in perfumes, colognes, and air fresheners. Additionally, it serves as a food flavoring agent and as a solvent and plasticizer in industrial settings.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8048 mL	29.0242 mL	58.0484 mL
5 mM	1.161 mL	5.8048 mL	11.6097 mL
10 mM	0.5805 mL	2.9024 mL	5.8048 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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