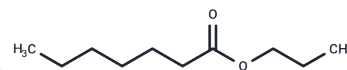


## Propyl heptanoate

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 7778-87-2   |
| Formula:          | C <sub>10</sub> H <sub>20</sub> O <sub>2</sub>  |
| Molecular Weight: | 172.26  |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |   |
|---------------|---|
| Description   | Propyl heptanoate is an important chemical raw material and an organic solvent in the industrial field. It can be used in synthetic fragrances, nylon fibers and advanced plastics. |
| 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

- Scholz C. Perspectives to produce positively or negatively charged polyhydroxyalkanoic acids. Appl Microbiol Biotechnol. 2010 Oct;88(4):829-37. doi: 10.1007/s00253-010-2819-5. Epub 2010 Aug 19.
- Santiuste, J.M., et al. Retention Indices of 55 Solutes Belonging to Eight Monofunctional Groups Homologous Series on 14 Chromatographic Capillary Columns. Chroma 72, 511-522 (2010).

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