

FEMA 2200

## Chemical Properties

CAS No. : 7779-80-8

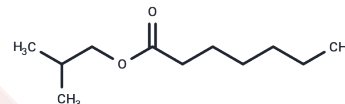
Formula: C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>

Molecular Weight: 186.29

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   | FEMA 2200 (Isobutyl heptanoate) is a fragrance. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.368 mL  | 26.8399 mL | 53.6797 mL |
| 5 mM  | 1.0736 mL | 5.368 mL   | 10.7359 mL |
| 10 mM | 0.5368 mL | 2.684 mL   | 5.368 mL   |
| 50 mM | 0.1074 mL | 0.5368 mL  | 1.0736 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

Perminova, L.V., Kovalenko, G.A., Chukanov, N.V. et al. Enzymatic esterification of saturated fatty acids with aliphatic alcohols as an alternative method of a low-temperature synthesis of esters. Russ Chem Bull 66, 2194-2197 (2017).

Saura Calixto, F., et al. Capillary gas chromatography of esters correlations between structure and retention index. Chromatographia 14, 143-147 (1981).

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