

## trans-3-Hexenoic acid

## Chemical Properties

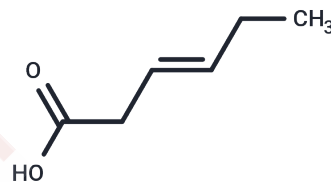
CAS No. : 1577-18-0

Formula: C<sub>6</sub>H<sub>10</sub>O<sub>2</sub>

Molecular Weight: 114.1424

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|             |  |
|-------------|--|
| Description | (E)-Hex-3-enoic acid is an unsaturated organic compound. It is commonly used as a fragrance ingredient in products like food, beverages, and personal care items. Additionally, it serves as a starting material for synthesizing various organic compounds, including pharmaceuticals and agrochemicals. Due to its low toxicity and biodegradability, (E)-Hex-3-enoic acid has been studied for use as a bio-based solvent. Research has also explored its potential antimicrobial and antifungal properties, which could contribute to developing new antimicrobial agents. |
|-------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 8.7612 mL | 43.8059 mL | 87.6117 mL |
| 5 mM  | 1.7522 mL | 8.7612 mL  | 17.5223 mL |
| 10 mM | 0.8761 mL | 4.3806 mL  | 8.7612 mL  |
| 50 mM | 0.1752 mL | 0.8761 mL  | 1.7522 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481