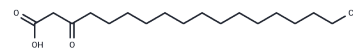


3-Oxooctadecanoic acid

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 16694-29-4 |
| Formula: | C ₁₈ H ₃₄ O ₃ |
| Molecular Weight: | 298.46 |
| 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 | 3-Oxooctadecanoic acid (3-Oxostearic acid), a saturated fatty acid (SFA), acts as an intermediate in fatty acid biosynthesis, originating from malonic acid via the enzyme [1]. |
|-------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.3505 mL | 16.7527 mL | 33.5053 mL |
| 5 mM | 0.6701 mL | 3.3505 mL | 6.7011 mL |
| 10 mM | 0.3351 mL | 1.6753 mL | 3.3505 mL |
| 50 mM | 0.067 mL | 0.3351 mL | 0.6701 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481