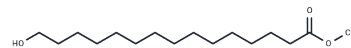


15-hydroxy Pentadecanoic Acid methyl ester

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 76529-42-5 |
| Formula: | C16H32O3 |
| Molecular Weight: | 272.42 |
| 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 | 15-Hydroxy Pentadecanoic Acid Methyl Ester is a hydroxylated fatty acid methyl ester (FAME) crucial for synthesizing musk-odored macrocyclic lactones, specifically cyclopentadecanolide and exaltolide [Matreya, LLC. Catalog No. 1882]. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 3.6708 mL | 18.354 mL | 36.708 mL |
| 5 mM | 0.7342 mL | 3.6708 mL | 7.3416 mL |
| 10 mM | 0.3671 mL | 1.8354 mL | 3.6708 mL |
| 50 mM | 0.0734 mL | 0.3671 mL | 0.7342 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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