

1-Triacontanol

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 593-50-0 |
| Formula: | C ₃₀ H ₆₂ O |
| Molecular Weight: | 438.81 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|--|
| Description | 1-Triacontanol (Melissyl alcohol) is an active biochemical |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2789 mL | 11.3945 mL | 22.7889 mL |
| 5 mM | 0.4558 mL | 2.2789 mL | 4.5578 mL |
| 10 mM | 0.2279 mL | 1.1394 mL | 2.2789 mL |
| 50 mM | 0.0456 mL | 0.2279 mL | 0.4558 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.

Reference

Wang C, et al. Xenobiotica. 2015, 45(1):71-8.

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