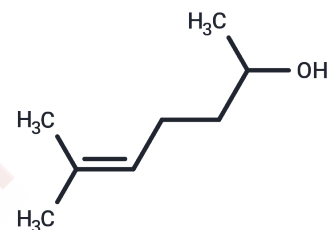


Sulcatol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1569-60-4 |
| Formula: | C ₈ H ₁₆ O |
| Molecular Weight: | 128.21 |
| 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 | Sulcatol is classified as a secondary alcohol with documented pheromonal activity. Sulcatol has been identified in various organisms including <i>Daphne odora</i> and <i>Hypnogyra angularis</i> . |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 7.7997 mL | 38.9985 mL | 77.997 mL |
| 5 mM | 1.5599 mL | 7.7997 mL | 15.5994 mL |
| 10 mM | 0.780 mL | 3.8999 mL | 7.7997 mL |
| 50 mM | 0.156 mL | 0.780 mL | 1.5599 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

Donadel JZ, et al. Superficial scald development in 'Granny Smith' and 'Nicoter' apples: The role of key volatile compounds when fruit are stored under dynamic controlled atmosphere. *Food Res Int.* 2023 Nov;173(Pt 2):113396.

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