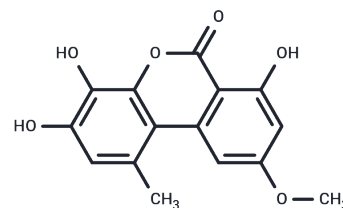


## 4-Hydroxyalternariol 9-methyl ether

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 959417-17-5                                              |
| Formula:          | C <sub>15</sub> H <sub>12</sub> O <sub>6</sub>           |
| Molecular Weight: | 288.25                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|               |                                                                                                                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | 4-Hydroxyalternariol 9-methyl ether displays promising antioxidant effects. It also shows antibacterial activity against several tested bacterial pathogens with minimum inhibitory concentration values in the range of 86.7-364.7 $\mu$ M. |
| Targets(IC50) | Antifection                                                                                                                                                                                                                                  |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.4692 mL | 17.3461 mL | 34.6921 mL |
| 5 mM  | 0.6938 mL | 3.4692 mL  | 6.9384 mL  |
| 10 mM | 0.3469 mL | 1.7346 mL  | 3.4692 mL  |
| 50 mM | 0.0694 mL | 0.3469 mL  | 0.6938 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.

**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:36 Washington Street,Wellesley Hills,MA 02481