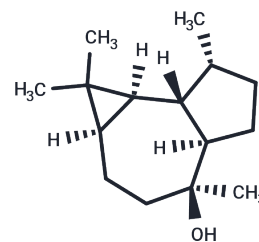


## Epiglobulol

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 88728-58-9  |
| Formula:          | C <sub>15</sub> H <sub>26</sub> O   |
| Molecular Weight: | 222.37  |
| Storage:          | Keep away from direct sunlight, Keep away from moisture, Store at low temperature<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |   |
|---------------|---|
| Description   | Epiglobulol ((-)-Epiglobulol) is an aromatic compound extracted from <i>Atalantia buxifolia</i> , possessing antimicrobial activity and inhibiting microbial growth. Epiglobulol also has potential antioxidant properties and is commonly used in the skincare industry. |
| Targets(IC50) | Antibacterial   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 4.497 mL  | 22.485 mL | 44.9701 mL |
| 5 mM  | 0.8994 mL | 4.497 mL  | 8.994 mL   |
| 10 mM | 0.4497 mL | 2.2485 mL | 4.497 mL   |
| 50 mM | 0.0899 mL | 0.4497 mL | 0.8994 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

Pang X, et al. Bioactivity of Essential Oil from *Atalantia buxifolia* Leaves and its Major Sesquiterpenes against Three Stored-Product Insects. *Journal of Essential Oil Bearing Plants*, 1-13.

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