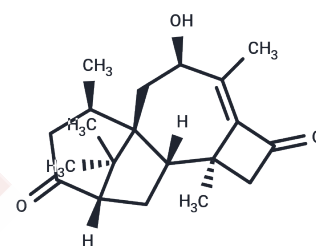


## Harzianol K

## Chemical Properties

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 3038319-61-5                                                                                                        |
| Formula:          | C <sub>20</sub> H <sub>28</sub> O <sub>3</sub>                                                                      |
| Molecular Weight: | 316.44                                                                                                              |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |                                                                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Harzianol K is a novel harziane-type diterpene derivative obtained from the deep-sea sediment fungus <i>Trichoderma</i> sp. SCS10W21. It exhibits inhibitory effects on NO (nitric oxide) production and holds potential for research in the anti-inflammatory field. |
| Targets(IC50) | NO Synthase                                                                                                                                                                                                                                                           |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1602 mL | 15.8008 mL | 31.6016 mL |
| 5 mM  | 0.632 mL  | 3.1602 mL  | 6.3203 mL  |
| 10 mM | 0.316 mL  | 1.5801 mL  | 3.1602 mL  |
| 50 mM | 0.0632 mL | 0.316 mL   | 0.632 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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