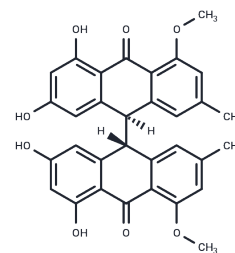


Neobulgarone A

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 315209-15-5 |
| Formula: | C ₃₂ H ₂₆ O ₈ |
| Molecular Weight: | 538.54 |
| 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 | Neobulgarone A, an anthraquinone derivative from the ascomycete fungus <i>Neobulgaria pura</i> HA A07-97, inhibits the formation of appressoria in the rice blast fungus. It exhibits mild cytotoxicity but lacks antifungal, antibacterial, and phytotoxic activities. |
| Targets(IC50) | Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8569 mL | 9.2844 mL | 18.5687 mL |
| 5 mM | 0.3714 mL | 1.8569 mL | 3.7137 mL |
| 10 mM | 0.1857 mL | 0.9284 mL | 1.8569 mL |
| 50 mM | 0.0371 mL | 0.1857 mL | 0.3714 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481