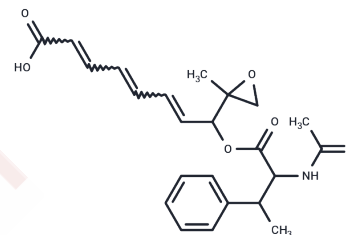


## AK-toxin I

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 85146-09-4  |
| Formula:          | C <sub>23</sub> H <sub>27</sub> N <sub>0</sub> O <sub>6</sub>   |
| Molecular Weight: | 413.464   |
| 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   | AK-toxin I is a host-specific phytotoxic metabolite responsible for causing black spot disease in pear trees. |
| Targets(IC50) | Antifungal  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4186 mL | 12.0931 mL | 24.1861 mL |
| 5 mM  | 0.4837 mL | 2.4186 mL  | 4.8372 mL  |
| 10 mM | 0.2419 mL | 1.2093 mL  | 2.4186 mL  |
| 50 mM | 0.0484 mL | 0.2419 mL  | 0.4837 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