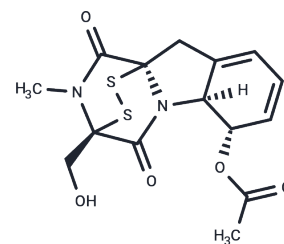


## Gliotoxin monoacetate

### Chemical Properties

CAS No. : 146016-64-0  
Formula: C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub>S<sub>2</sub>  
Molecular Weight: 368.43  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Gliotoxin monoacetate is a toxin found in <i>Aspergillus</i> . It induces apoptosis in cervical cancer cells and chondrosarcoma cells, suppresses the adaptive immune response in leukocytes, and inhibits the proteasome in <i>Plasmodium falciparum</i> . |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7142 mL | 13.5711 mL | 27.1422 mL |
| 5 mM  | 0.5428 mL | 2.7142 mL  | 5.4284 mL  |
| 10 mM | 0.2714 mL | 1.3571 mL  | 2.7142 mL  |
| 50 mM | 0.0543 mL | 0.2714 mL  | 0.5428 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

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