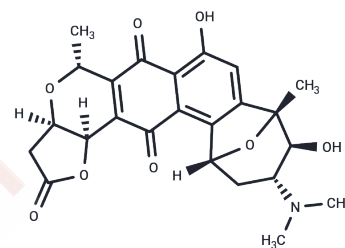


SCH 38519

## Chemical Properties

CAS No. : 114970-20-6  
 Formula: C<sub>24</sub>H<sub>25</sub>N<sub>0</sub>O<sub>8</sub>  
 Molecular Weight: 455.463  
 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                | SCH 38519 is an isochromanquinone fungal metabolite originally isolated from <i>Thermomonospora</i> . It inhibits aggregation induced by thrombin, as well as inhibits serotonin secretion in human platelets (IC <sub>50</sub> s = 68 and 61 µg/ml, respectively). It inhibits the growth of various Gram-negative and Gram-positive bacteria (mean MICs = 122.1 and 0.92 µg/ml, respectively). |
| Targets(IC <sub>50</sub> ) | Others, Antibacterial  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: Soluble<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1956 mL | 10.9779 mL | 21.9558 mL |
| 5 mM  | 0.4391 mL | 2.1956 mL  | 4.3912 mL  |
| 10 mM | 0.2196 mL | 1.0978 mL  | 2.1956 mL  |
| 50 mM | 0.0439 mL | 0.2196 mL  | 0.4391 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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