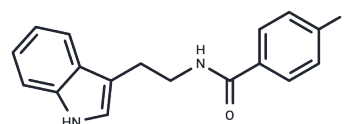


Z26395438

## Chemical Properties

CAS No. : 2803-63-6  
Formula: C<sub>17</sub>H<sub>15</sub>FN<sub>2</sub>O  
Molecular Weight: 282.31  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Description                | Z26395438 is an inhibitor of Sirtuin-1 with IC <sub>50</sub> of 1.6 μM. |
| Targets(IC <sub>50</sub> ) | Sirtuin                                                                 |

## Solubility Information

|            |                                                                                              |
|------------|----------------------------------------------------------------------------------------------|
| Solubility | DMSO: 45 mg/mL (159.4 mM)<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|----------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 3.5422 mL | 17.711 mL | 35.4221 mL |
| 5 mM  | 0.7084 mL | 3.5422 mL | 7.0844 mL  |
| 10 mM | 0.3542 mL | 1.7711 mL | 3.5422 mL  |
| 50 mM | 0.0708 mL | 0.3542 mL | 0.7084 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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