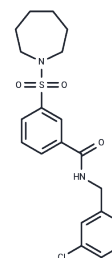


WAY-354574

## Chemical Properties

CAS No. : 851873-40-0  
 Formula: C<sub>20</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 406.93  
 Storage: Keep away from direct sunlight  
 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   | WAY-354574 is a compound with regulatory activity targeting the Sirtuin (deacetylase) family. It is widely applied in research on the neuropathological mechanisms of Huntington's disease (HD). |
| Targets(IC50) | Others   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 80 mg/mL (196.59 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4574 mL | 12.2871 mL | 24.5743 mL |
| 5 mM  | 0.4915 mL | 2.4574 mL  | 4.9149 mL  |
| 10 mM | 0.2457 mL | 1.2287 mL  | 2.4574 mL  |
| 50 mM | 0.0491 mL | 0.2457 mL  | 0.4915 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.

## Reference

Khanfar MA, et al. Development and characterization of 3-(benzylsulfonamido)benzamides as potent and selective SIRT2 inhibitors. Eur J Med Chem. 2014 Apr 9;76:414-26.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481