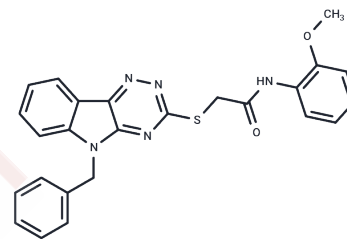


WAY-323061

## Chemical Properties

CAS No. : 550301-63-8  
 Formula: C<sub>25</sub>H<sub>21</sub>N<sub>5</sub>O<sub>2</sub>S  
 Molecular Weight: 455.53  
 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   | WAY-323061 is a SIRT2 inhibitor. |
| Targets(IC50) | Sirtuin                          |

## Solubility Information

|            |   |
|------------|---|
| Solubility | H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble)<br>DMSO: < 1 mg/mL (insoluble or slightly soluble)<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1952 mL | 10.9762 mL | 21.9525 mL |
| 5 mM  | 0.439 mL  | 2.1952 mL  | 4.3905 mL  |
| 10 mM | 0.2195 mL | 1.0976 mL  | 2.1952 mL  |
| 50 mM | 0.0439 mL | 0.2195 mL  | 0.439 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

Huang S, et al. Discovery of new SIRT2 inhibitors by utilizing a consensus docking/scoring strategy and structure-activity relationship analysis. Journal of Chemical Information and Modeling.2017;57(4): 669-679.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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