

ALR2-IN-3

## Chemical Properties

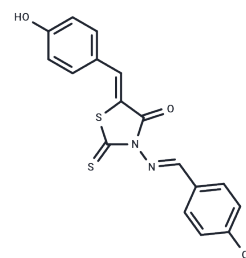
CAS No. :

Formula: C<sub>17</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight: 356.42

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|             |                                                                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | ALR2-IN-2, a potent aldose reductase (ALR2) inhibitor, demonstrates IC <sub>50</sub> values of 22 nM for rat ALR2 and 116 nM for ALR1, respectively. This compound is utilized in diabetic complications research. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.8057 mL | 14.0284 mL | 28.0568 mL |
| 5 mM  | 0.5611 mL | 2.8057 mL  | 5.6114 mL  |
| 10 mM | 0.2806 mL | 1.4028 mL  | 2.8057 mL  |
| 50 mM | 0.0561 mL | 0.2806 mL  | 0.5611 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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