

## ALR2-IN-2

## Chemical Properties

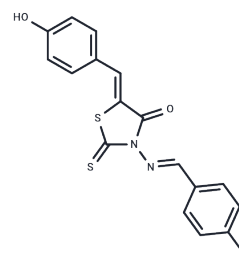
CAS No. :

Formula: C<sub>17</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

Molecular Weight: 358.41

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, exhibits IC <sub>50</sub> values of 27 nM for rat ALR2 and 228 nM for ALR1, respectively. This compound is utilized in the research of diabetic complications. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 2.7901 mL | 13.9505 mL | 27.901 mL |
| 5 mM  | 0.558 mL  | 2.7901 mL  | 5.5802 mL |
| 10 mM | 0.279 mL  | 1.3951 mL  | 2.7901 mL |
| 50 mM | 0.0558 mL | 0.279 mL   | 0.558 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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