

ALR2-IN-2

## Chemical Properties

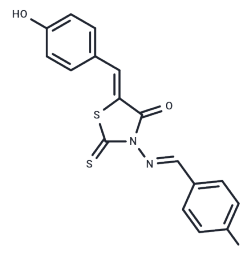
CAS No. :

Formula: C17H11FN2O2S2

Molecular Weight: 358.41

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	ALR2-IN-2, a potent aldose reductase (ALR2) inhibitor, exhibits IC50 values of 27 nM for rat ALR2 and 228 nM for ALR1, respectively. This compound is utilized in the research of diabetic complications.
Targets(IC50)	Others,Reductase

## 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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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