

ALR2-IN-3

Chemical Properties

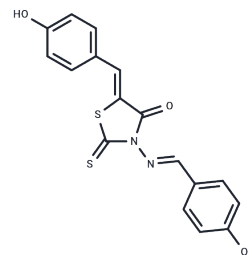
CAS No. :

Formula: C17H12N2O3S2

Molecular Weight: 356.42

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, demonstrates IC50 values of 22 nM for rat ALR2 and 116 nM for ALR1, respectively. This compound is utilized in diabetic complications research.
Targets(IC50)	Others,Reductase

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.

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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