

CP-744809

## Chemical Properties

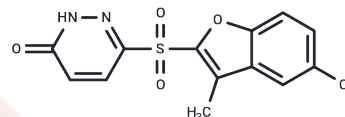
CAS No. : 463976-07-0

Formula: C<sub>13</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>4</sub>S

Molecular Weight: 324.74

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	CP-744809 is a highly selective oral small-molecule aldose reductase inhibitor.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0794 mL	15.3969 mL	30.7939 mL
5 mM	0.6159 mL	3.0794 mL	6.1588 mL
10 mM	0.3079 mL	1.5397 mL	3.0794 mL
50 mM	0.0616 mL	0.3079 mL	0.6159 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

Sun W, Oates PJ, Coutcher JB, Gerhardinger C, Lorenzi M. A selective aldose reductase inhibitor of a new structural class prevents or reverses early retinal abnormalities in experimental diabetic retinopathy. *Diabetes*. 2006 Oct;55(10):2757-62. PubMed PMID: 17003340.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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