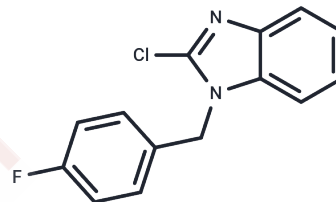


## 2-Chloro-1-(4-fluorobenzyl)benzimidazole

## Chemical Properties

CAS No. :	84946-20-3
Formula:	C <sub>14</sub> H <sub>10</sub> ClFN <sub>2</sub>
Molecular Weight:	260.69
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	2-Chloro-1-(4-fluorobenzyl)benzimidazole is an inhibitor of aldose reductase (ALR2).
Targets(IC50)	Reductase

## Solubility Information

Solubility	DMSO: 55 mg/mL (210.98 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.836 mL	19.1799 mL	38.3597 mL
5 mM	0.7672 mL	3.836 mL	7.6719 mL
10 mM	0.3836 mL	1.918 mL	3.836 mL
50 mM	0.0767 mL	0.3836 mL	0.7672 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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