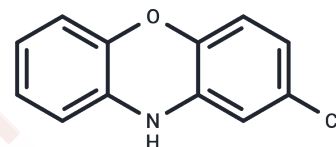


## 2-Chlorophenoxazine

## Chemical Properties

CAS No. : 56821-03-5  
 Formula: C<sub>12</sub>H<sub>8</sub>ClNO  
 Molecular Weight: 217.65  
 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-Chlorophenoxazine is an Akt inhibitor that demonstrates an in vitro inhibitory concentration (IC <sub>50</sub> ) of 2-5 μM and has the capacity to induce apoptosis. It is utilized in the research of cancer diseases [1].
Targets(IC <sub>50</sub> )	Apoptosis,Akt

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5945 mL	22.9727 mL	45.9453 mL
5 mM	0.9189 mL	4.5945 mL	9.1891 mL
10 mM	0.4595 mL	2.2973 mL	4.5945 mL
50 mM	0.0919 mL	0.4595 mL	0.9189 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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