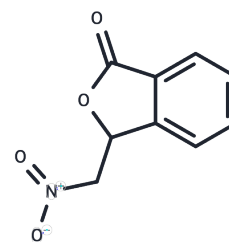


## Lig4-4

## Chemical Properties

CAS No. :	3598-68-3
Formula:	C <sub>9</sub> H <sub>7</sub> NO <sub>4</sub>
Molecular Weight:	193.16
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	Lig4-4 is a TREK-1 current inhibitor (IC <sub>50</sub> = 2.06μM) that has demonstrated potential for use as a protective agent against cerebral ischemia. It has been postulated that the neuroprotective effects of Lig4-4 against cerebral ischemia may be attributed to the modulation of Bcl-2 and cleaved-caspase-3 expression, leading to the inhibition of neuronal apoptosis.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1771 mL	25.8853 mL	51.7706 mL
5 mM	1.0354 mL	5.1771 mL	10.3541 mL
10 mM	0.5177 mL	2.5885 mL	5.1771 mL
50 mM	0.1035 mL	0.5177 mL	1.0354 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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