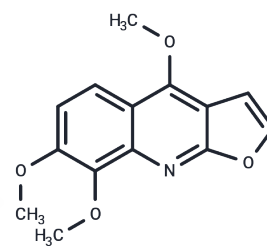


## Skimmianine

## Chemical Properties

CAS No. :	83-95-4
Formula:	C <sub>14</sub> H <sub>13</sub> NO <sub>4</sub>
Molecular Weight:	259.26
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	1. Skimmianine (Chloroxylonine) is a spasmolytic agent. 2. Skimmianine (Chloroxylonine) shows pharmacol. props. similar to 2-(Methylamino)-1-phenyl-1-propanol BCJ45-G.
Targets(IC50)	Others,NF-κB,Akt,Cholinesterase (ChE),PI3K

## Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 5 mg/mL (19.29 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	3.8571 mL	19.2857 mL	38.5713 mL
5 mM	0.7714 mL	3.8571 mL	7.7143 mL
10 mM	0.3857 mL	1.9286 mL	3.8571 mL
50 mM	0.0771 mL	0.3857 mL	0.7714 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

Yang X , Feng Y , Duffy S , et al. A New Quinoline Epoxide from the Australian Plant *Drummondita calida*]. *Planta Medica*, 2011, 77(14):1644-1647.

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