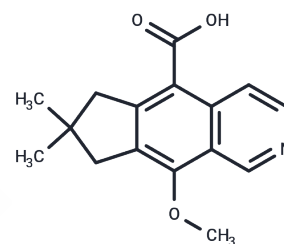


## Illudinine

## Chemical Properties

CAS No. :	18500-63-5
Formula:	C <sub>16</sub> H <sub>17</sub> NO <sub>3</sub>
Molecular Weight:	271.31
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	Illudinine is a sesquiterpene alkaloid that acts as an inhibitor of monoamine oxidase B (MAO-B), with an IC <sub>50</sub> value of 18.3 μM. It is applicable in research focused on neurological disorders.
Targets(IC <sub>50</sub> )	Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6858 mL	18.4291 mL	36.8582 mL
5 mM	0.7372 mL	3.6858 mL	7.3716 mL
10 mM	0.3686 mL	1.8429 mL	3.6858 mL
50 mM	0.0737 mL	0.3686 mL	0.7372 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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