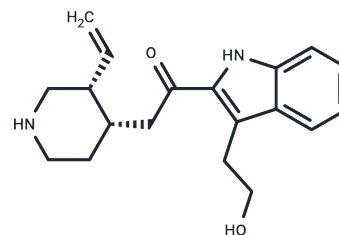


## (+)-Cinchonaminone

### Chemical Properties

CAS No. : 60305-15-9  
Formula: C<sub>19</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 312.413  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| Description | (+)-Cinchonaminone shows monoamine oxidase (MAO) inhibitory activity. |
|-------------|-----------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.2009 mL | 16.0046 mL | 32.0092 mL |
| 5 mM  | 0.6402 mL | 3.2009 mL  | 6.4018 mL  |
| 10 mM | 0.3201 mL | 1.6005 mL  | 3.2009 mL  |
| 50 mM | 0.064 mL  | 0.3201 mL  | 0.6402 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.

### Reference

Sato Y, et al. Design, Synthesis, and Monoamine Oxidase Inhibitory Activity of (+)-Cinchonaminone and Its Simplified Derivatives. ACS Med Chem Lett. 2021 Aug 24;12(9):1464-1469.

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