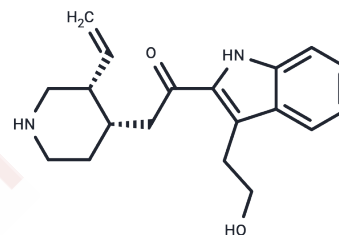


(+)-Cinchonaminone

Chemical Properties

CAS No. :	60305-15-9
Formula:	C ₁₉ H ₂₄ N ₂ O ₂
Molecular Weight:	312.413
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	(+)-Cinchonaminone demonstrates inhibitory activity against monoamine oxidase (MAO).
Targets(IC50)	Others, Monoamine Oxidase

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.

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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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