

(-)-Isocorypalmine

Chemical Properties

CAS No. : 483-34-1

Formula: C₂₀H₂₃NO₄

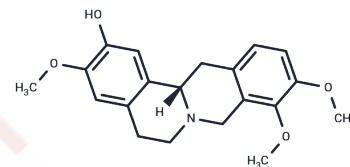
Molecular Weight: 341.4

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	(-)-Isocorypalmine ((S)-Tetrahydrocolumbamine), a natural product isolated from <i>Corydalis chaerophylla</i> , has significant antifungal activity.
Targets(IC50)	Antifungal, Dopamine Receptor

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9291 mL	14.6456 mL	29.2912 mL
5 mM	0.5858 mL	2.9291 mL	5.8582 mL
10 mM	0.2929 mL	1.4646 mL	2.9291 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 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

Sangita Sahni, et al. Inhibitory Effect of Two Alkaloids, (-)-Corydalmine and (-)-Isocorypalmine Isolated from *Corydalis chaerophylla* on Several Phytopathogenic Fungi Sangita Sahni. Mycobiology. 2018 Jun.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481