



Product Information

(+)-Corydaline

Cat. No.: X22-05-ZQ406

Size: 20 mg; 50 mg; 100 mg; 200 mg

MDL: MFCD00076019

CAS Number: 518-69-4

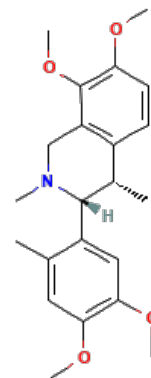
Compound CID: 101301

Synonym: 518-69-4; Corydaline; (+)-Corydaline;

(13S,13aR

)-2,3,9,10-Tetramethoxy-1

3-methyl-6,8,13,13a-tetrahydro-5H-isoquinolino[2,1-b]isoquinoline



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	(+)- Corydaline is an acetylcholinesterase inhibitor, and is also an inhibitor of CYP2C19 and CYP2C9. It has antiallergic, and antinociceptive activities. (+)- Corydaline promotes gastric emptying and small intestinal transit and facilitates gastric accommodation. This product can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
Molecular Weight	369.44
Molecular Formula	C ₂₂ H ₂₇ NO ₄
IUPAC Name	(13S,13aR)-2,3,9,10-Tetramethoxy-13-methyl-6,8,13,13a-tetrahydro-5H-isoquinolino[2,1-b]isoquinoline
InChI	InChI=1S/C22H27NO4/c1-13-15-6-7-18(24-2)22(27-5)17(15)12-23-9-8-14-10-19(25-3)20(26-4)11-16(14)21(13)23/h6-7,10-11,13,21H,8-9,12H2,1-5H3/t13-,21+/m0/s1
InChI Key	VRSRXLJTYQVOHC-YEJXKQKISA-N
Canonical SMILES	CC1C2C3=CC(=C(C=C3CCN2CC4=C1C=CC(=C4OC)OC)OC)OC
Isomeric SMILES	C[C@@H]1[C@@H]2C3=CC(=C(C=C3CCN2CC4=C1C=CC(=C4OC)OC)OC)OC
Source	<i>Corydalis yanhusuo</i>
Part Used	Tubers
Form	Prismatic crystal
Purity	≥98%, determined by HPLC.
Solubility	It is soluble in chloroform, easily soluble in ether, slightly soluble in methanol, and insoluble in water.



Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Melting Point	135°C
Applications	(+)-Corydaline can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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