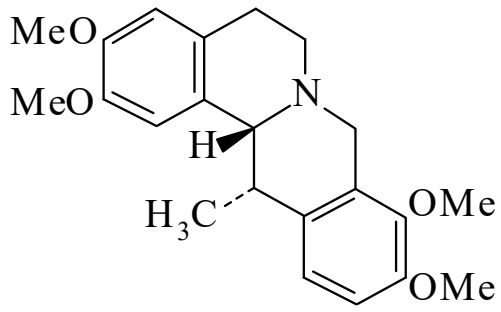
>>**Entry Name: Corydaline**

Synonym(s): 5,8,13,13*a*-Tetrahydro-2,3,9,10-tetramethoxy-13-methyl-6*H*-dibenzo[*a,g*]quinolizine, 9CI. 2,3,9,10-Tetramethoxy-13-methylberbine, 8CI. Corydalis A



(+)-*form*

Molecular Formula: $C_{22}H_{27}NO_4$
Molecular Weight: 369.46
Accurate Mass: 369.194009
Percentage Composition: C 71.52%; H 7.37%; N 3.79%; O 17.32%

>>**Variant:** (+)-form

CAS Registry Number: 518-69-4

Molecular Formula: $C_{22}H_{27}NO_4$
Molecular Weight: 369.46
Accurate Mass: 369.194009
Percentage Composition: C 71.52%; H 7.37%; N 3.79%; O 17.32%
Biological Source: Alkaloid from *Corydalis tuberosa* and many other *Corydalis* spp. (Fumariaceae)
Use/Importance: Shows analgesic and antirheumatic props.; has been evaluated clinically but with disappointing results
Physical Description: Prisms (EtOH)
Melting Point: Mp 135°
Optical Rotation: $[\alpha]_D^{25}$+295 (EtOH)
Hazard & Toxicity: LD_{50} (mus, ivn) 136 mg/kg

Rare Chemicals Library: S44912-1

>>**Variant:** (±)-form

CAS Registry Number: 6018-35-5
Molecular Formula: $C_{22}H_{27}NO_4$
Molecular Weight: 369.46
Accurate Mass: 369.194009
Percentage Composition: C 71.52%; H 7.37%; N 3.79%; O 17.32%
Source/Synthesis: Synthetic
Melting Point: Mp 135°

References:

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