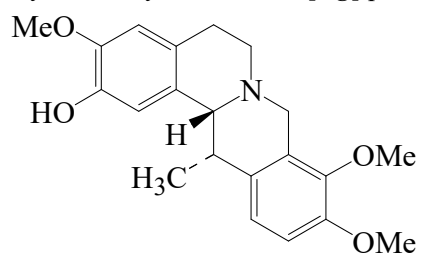




>>Entry Name: Isocorybulbine

Synonym(s): 5,8,13,13a-Tetrahydro-3,9,10-trimethoxy-13-methyl-6H-dibenzo[a,g]quinolizin-2-ol, 9Cl. 3,9,10-Trimethoxy-13-methylberbin-2-ol, 8Cl



Absolute
Configuration

CAS Registry Number: 22672-74-8

Related CAS Registry Numbers(s): 27313-92-4

Molecular Formula: C₂₁H₂₅NO₄

Molecular Weight: 355.433

Accurate Mass: 355.178359

Percentage Composition: C 70.96%; H 7.09%; N 3.94%; O 18.01%

Biological Source: Alkaloid from *Corydalis cava* (Fumariaceae)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 179-180°

Optical Rotation: $[\alpha]_D^{20} +299.8$ (c, 1.04 in CHCl₃)

>>Derivative: Me ether

References:

Gadamer, J. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1902, **240**, 19, (*isol*)

Späth, E. *et al.*, *Ber.*, 1925, **58**, 1274, (*struct*)

Jeffs, P.W., *Experientia*, 1965, **21**, 690, (*abs config*)

Nakuto, S. *et al.*, *Yakugaku Zasshi*, 1972, **92**, 1017, (*synth*)

Iwasa, K. *et al.*, *J.O.C.*, 1981, **46**, 4744, (*abs config*)