



Melting Point: Mp 204°

Optical Rotation: $[\alpha]_D^{23}$ -310 (c, 0.3 in CHCl₃)

Hazard & Toxicity: LD₅₀ (mus, ipr) 368 mg/kg

>>Derivative: Hydrochloride

Melting Point: Mp 250°

>>Derivative: 13β-Hydroxy

Synonym(s): 13-Hydroxystylopine

CAS Registry Number: 53777-76-7

Molecular Formula: C₁₉H₁₇NO₅

Molecular Weight: 339.347

Accurate Mass: 339.110674

Percentage Composition: C 67.25%; H 5.05%; N 4.13%; O 23.57%

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

Physical Description: Prisms (EtOH)

Melting Point: Mp 213-215°

Optical Rotation: $[\alpha]_D$ -259 (c, 0.1 in CHCl₃)

>>Derivative: 13β-Hydroxy, N-Me

Synonym(s): 13β-Hydroxy-N-methylstylopinium

CAS Registry Number: 108385-06-4

Molecular Formula: C₂₀H₂₀NO₅⁽⁺⁾

Molecular Weight: 354.382

Accurate Mass: 354.134149

Percentage Composition: C 67.79%; H 5.69%; N 3.95%; O 22.57%

Biological Source: Quaternary alkaloid from aerial parts and roots of *Papaver atlanticum* (Papaveraceae)

Physical Description: Cryst. (MeOH) (as iodide)

Melting Point: Mp 254-256° (iodide)

Optical Rotation: $[\alpha]_D^{20}$ -144 (c, 0.1 in MeOH) (iodide)

Other Data: CAS No. refers to iodide

>>Derivative: 13β-Acetoxy

Physical Description: Fine needles (CH₂Cl₂/Et₂O)

Melting Point: Mp 237-239° (sealed tube)

>>Variant: (±)-form

CAS Registry Number: 4312-32-7

Molecular Formula: C₁₉H₁₇NO₄

Molecular Weight: 323.348

Accurate Mass: 323.115759

Percentage Composition: C 70.58%; H 5.30%; N 4.33%; O 19.79%

Biological Source: Alkaloid from several *Corydalis* spp. (Fumariaceae)

Physical Description: Needles (CHCl₃)

Melting Point: Mp 222-223°

Boiling Point: Bp_{0.01} 260°

>>Derivative: Hydrochloride

Melting Point: Mp 246° (266°)

>>Derivative: 13β-Hydroxy

CAS Registry Number: 53833-90-2

Source/Synthesis: Synthetic

Physical Description: Fine needles (EtOH)

Melting Point: Mp 219-221 dec.°