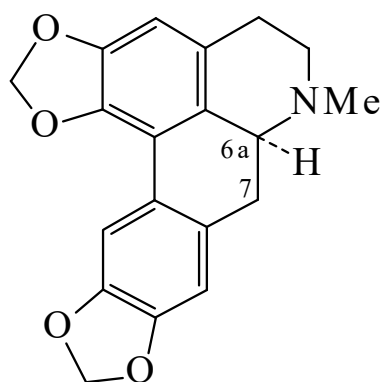




>>Entry Name: Neolitsine

Synonym(s): 1,2:9,10-Bismethylenedioxyaporphine



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%

>>Variant: (S)-form

CAS Registry Number: 2466-42-4

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 the leaves of *Neolitsea pulchella* and *Laurus nobilis*, also from *Cassytha americana* (*Cassytha filiformis*) (Lauraceae)

Physical Description: Needles (Me₂CO)

Melting Point: Mp 149-150°

Optical Rotation: [α]_D +56.5 (c, 1.57 in CHCl₃)

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH)

Melting Point: Mp 219° (chars)

>>Derivative: Methiodide

Physical Description: Cryst. (EtOH/Me₂CO)

Melting Point: Mp 221-224°

>>Derivative: Picrate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 186 dec.°

>>Derivative: N-De-Me

Synonym(s): **Cryptodorine**. 1,2:9,10-Bismethylenedioxyaporphine. Norneolitsine

CAS Registry Number: 41787-55-7

Molecular Formula: C₁₈H₁₅NO₄

Molecular Weight: 309.321

Accurate Mass: 309.100109

Percentage Composition: C 69.89%; H 4.89%; N 4.53%; O 20.69%

Biological Source: Alkaloid from the trunk bark of *Cryptocarya odorata* and leaves of *Laurus nobilis* (Lauraceae)

Physical Description: Unstable cryst.

Optical Rotation: [α]_D¹⁹ +61 (CHCl₃)

>>Derivative: N-De-Me; sulfate (2:1)

Physical Description: Cryst. + 2H₂O

Melting Point: Mp 219-221 dec.°

>>Derivative: 6a,7-Didehydro

Synonym(s): **Dehydroneolitsine**