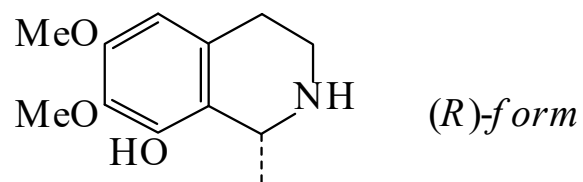




>>Entry Name: Anhalonidine

Synonym(s): 1,2,3,4-Tetrahydro-6,7-dimethoxy-1-methyl-8-isoquinolinol, 9Cl. 1,2,3,4-Tetrahydro-8-hydroxy-6,7-dimethoxy-1-methylisoquinoline



Related CAS Registry Numbers(s): 17627-77-9

Molecular Formula: C₁₂H₁₇NO₃

Molecular Weight: 223.271

Accurate Mass: 223.120844

Percentage Composition: C 64.55%; H 7.67%; N 6.27%; O 21.50%

>>Variant: (R)-form

CAS Registry Number: 529-58-8

Molecular Formula: C₁₂H₁₇NO₃

Molecular Weight: 223.271

Accurate Mass: 223.120844

Percentage Composition: C 64.55%; H 7.67%; N 6.27%; O 21.50%

Biological Source: Alkaloid from *Lophophora williamsii* (Cactaceae)

Optical Rotation: [α]_D −21.2 (95% EtOH)

Other Data: Racemises readily

Hazard & Toxicity: LD₅₀ (mus, orl) 700 mg/kg

>>Derivative: Hydrochloride

Optical Rotation: [α]_D −0.7 (95% EtOH)

>>Variant: (±)-form

CAS Registry Number: 3851-33-0

Molecular Formula: C₁₂H₁₇NO₃

Molecular Weight: 223.271

Accurate Mass: 223.120844

Percentage Composition: C 64.55%; H 7.67%; N 6.27%; O 21.50%

Biological Source: Alkaloid from *Lophophora williamsii*, *Echinocactus lewinii* and *Lamareocereus weberi* (Cactaceae)

Use/Importance: Narcotic and curarising agent to frogs but not to mammals

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 161-161.5°

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 248.5-250 dec.°

>>Derivative: Picrate

Physical Description: Needles (EtOH)

Melting Point: Mp 200.5-201.5° (201-208°)

>>Derivative: N-Formyl

Synonym(s): N-Formylanhalonidine

Molecular Formula: C₁₃H₁₇NO₄

Molecular Weight: 251.282

Accurate Mass: 251.115759

Percentage Composition: C 62.14%; H 6.82%; N 5.57%; O 25.47%

Biological Source: Constit. of *Lamareocereus williamsii* (Cactaceae)

Other Data: Abs. config. of the nat. alkaloid unknown; it was identified by glc/ms comparison with an authentic sample