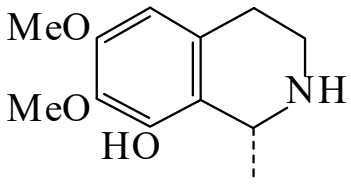
>> **Name: Anhalonidine**
Synonym(s): 1,2,3,4-Tetrahydro-6,7-dimethoxy-1-methyl-8-isoquinolinol, 9Cl. 1,2,3,4-Tetrahydro-8-hydroxy-6,7-dimethoxy-1-methylisoquinoline



(*R*)-*form*

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

Molecular Formula: $C_{12}H_{17}NO_3$
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: $C_{12}H_{17}NO_3$
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: $[\alpha]_D$ –21.2 (95% EtOH)
Other Data: Racemises readily
Hazard & Toxicity: LD_{50} (mus, orl) 700 mg/kg

>>**Derivative:** Hydrochloride

Optical Rotation: $[\alpha]_D$ –0.7 (95% EtOH)

>>**Variant:** (±)-form

CAS Registry Number: 3851-33-0

Molecular Formula: $C_{12}H_{17}NO_3$
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 *Lamaireocereus weberi* (Cactaceae)
Use/Importance: Narcotic and curarising agent to frogs but not to mammals
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 161-161.5°

>>**Derivative:** Hydrochloride

Physical Description: Cryst. (EtOH/Et_2O)
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: $C_{13}H_{17}NO_4$
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 *Lamaireocereus williamsii* (Cactaceae)
Other Data: Abs. config. of the nat. alkaloid unknown; it was identified by glc/ms comparison with an authentic sample