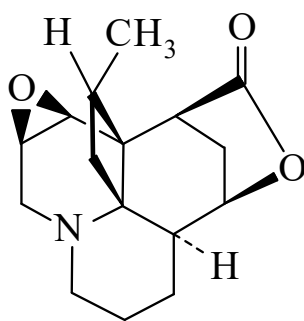




>>Entry Name: Annotinine

Synonym(s): Alkaloid L7



CAS Registry Number: 559-49-9

Molecular Formula: C₁₆H₂₁NO₃

Molecular Weight: 275.347

Accurate Mass: 275.152144

Percentage Composition: C 69.79%; H 7.69%; N 5.09%; O 17.43%

Biological Source: Alkaloid from *Lycopodium annotinum*, *Lycopodium annotinum* var. *acrifolium*, *Lycopodium flabelliforme* and *Lycopodium obscurum* (Lycopodiaceae)

Melting Point: Mp 232°

>>Derivative: Hydrochloride

Physical Description: Cryst. + ½ H₂O

Melting Point: Mp 210-211 dec.°

>>Derivative: Perchlorate

Melting Point: Mp 267°

References:

- Manske, R.H.F. *et al.*, *Can. J. Res., Sect. B*, 1943, **21**, 92, (*isol*)
Przybylska, M. *et al.*, *Acta Cryst.*, 1958, **11**, 718, (*cryst struct*)
Wiesner, K. *et al.*, *Tet. Lett.*, 1961, 187, (*abs config*)
MacLean, D.B., *Can. J. Chem.*, 1963, **41**, 2654, (*ms*)
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Ho, T.-L., *Tet. Lett.*, 1969, 1307, (*abs config*)
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