



Synonym(s): 10-Hydroxy-16-epiaffinine

CAS Registry Number: 82513-70-0

Molecular Formula: C₂₀H₂₄N₂O₃

Molecular Weight: 340.421

Accurate Mass: 340.178693

Percentage Composition: C 70.57%; H 7.11%; N 8.23%; O 14.10%

Biological Source: Alkaloid from *Hunteria zeylanica* (Apocynaceae)

Physical Description: Amorph.

Optical Rotation: [α]_D −122 (c, 0.46 in CHCl₃)

References:

- Weisbach, J.A. *et al.*, *J. Pharm. Sci.*, 1963, **52**, 350, (*isol, ir*)
Cava, M.P. *et al.*, *Chem. Ind. (London)*, 1964, 1193, (*struct, pmr*)
Burnell, R.H. *et al.*, *Can. J. Chem.*, 1971, **49**, 307, (*isol, uv, ir, pmr, struct*)
Naranjo, J. *et al.*, *Helv. Chim. Acta*, 1972, **55**, 752, (*isol, uv, pmr, ms, cd, struct, epimer*)
Achenbach, H. *et al.*, *Chem. Ber.*, 1975, **108**, 3842, (*isol, uv, ir, pmr, ms, struct, deriv*)
Voticky, Z. *et al.*, *Coll. Czech. Chem. Comm.*, 1977, **42**, 1403, (*isol, uv, ir, ms*)
Lavaud, C. *et al.*, *Phytochemistry*, 1982, **21**, 445, (*10-Hydroxy-16-epi-affinine*)