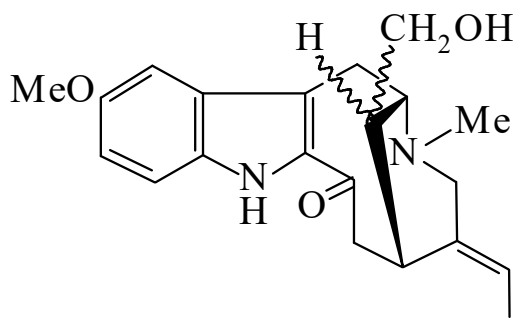




>>Entry Name: Pelirine

Synonym(s): 17-Hydroxy-10-methoxyvobasan-3-one, 9CI



CAS Registry Number: 30435-26-8

Molecular Formula: $C_{21}H_{26}N_2O_3$

Molecular Weight: 354.448

Accurate Mass: 354.194343

Percentage Composition: C 71.16%; H 7.39%; N 7.90%; O 13.54%

Biological Source: Alkaloid from the roots of *Rauwolfia perakensis* (Apocynaceae)

Physical Description: Pale-yellow plates (MeOH aq.)

Melting Point: Mp 130-131°

Optical Rotation: $[\alpha]_D^{22} -121$ (c, 1 in EtOH)

>>Derivative: Sulfate (1:2)

Physical Description: Cryst. + $\frac{1}{2}$ H₂O

Melting Point: Mp 223-224 dec.°

>>Derivative: Picrate

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 159-159.5°

References:

Kiang, A.K. *et al.*, *J.C.S.*, 1960, 1394, (*isol*, *uv*)

Bláha, K. *et al.*, *Coll. Czech. Chem. Comm.*, 1973, **38**, 929, (*cd*)