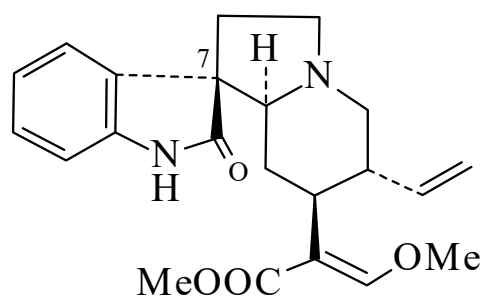




>>Entry Name: Corynoxine



Absolute
configuration

CAS Registry Number: 630-94-4

Molecular Formula: $C_{22}H_{26}N_2O_4$

Molecular Weight: 382.458

Accurate Mass: 382.189258

Percentage Composition: C 69.09%; H 6.85%; N 7.32%; O 16.73%

Biological Source: Alkaloid from *Pseudocinchona africana*, *Mitragyna rotundifolia*, *Mitragyna speciosa* and *Uncaria attenuata* (Rubiaceae, Naucleaceae)

Melting Point: Mp 210°

Optical Rotation: $[\alpha]_D -21$ (CHCl₃). $[\alpha]_D +23$ (c, 1 in Py)

>>Derivative: Dihydro

see Rhyncophylline, [CHF53-H](#)

>>Derivative: 7-Epimer

Synonym(s): Isocorynoxine

CAS Registry Number: 51014-29-0

Molecular Formula: $C_{22}H_{26}N_2O_4$

Molecular Weight: 382.458

Accurate Mass: 382.189258

Percentage Composition: C 69.09%; H 6.85%; N 7.32%; O 16.73%

Biological Source: Alkaloid from *Uncaria attenuata attenuata* and *Mitragyna rotundifolia* (Naucleaceae)

Physical Description: Noncryst.

References:

Cu, N.A. *et al.*, *Bull. Soc. Chim. Fr.*, 1957, 1292, (*uv, ir*)

Finch, N. *et al.*, *J.A.C.S.*, 1962, **84**, 3871, (*config*)

Hough, P.J. *et al.*, *Planta Med.*, 1974, **26**, 104, (*epimer*)

Phillipson, J.D. *et al.*, *J. Chromatogr.*, 1975, **105**, 163, (*tlc, gc, ms*)