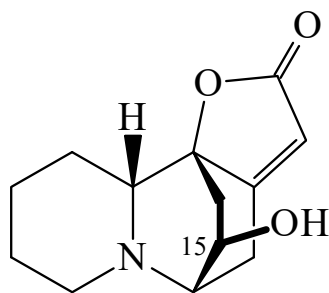




>>Entry Name: Securinol A



CAS Registry Number: 5008-48-0

Molecular Formula: C₁₃H₁₇NO₃

Molecular Weight: 235.282

Accurate Mass: 235.120844

Percentage Composition: C 66.36%; H 7.28%; N 5.95%; O 20.40%

Biological Source: Alkaloid from the leaves of *Securinega suffruticosa* and from *Margaritaria indica* (Euphorbiaceae)

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 135-136°

Optical Rotation: [α]_D¹⁷+58.2 (c, 0.14 in CHCl₃)

>>Derivative: Picrate

Physical Description: Cryst. + 1H₂O (EtOH)

Melting Point: Mp 186-187 dec.°

>>Derivative: 15-Epimer

Synonym(s): Securinol B

CAS Registry Number: 30155-10-3

Molecular Formula: C₁₃H₁₇NO₃

Molecular Weight: 235.282

Accurate Mass: 235.120844

Percentage Composition: C 66.36%; H 7.28%; N 5.95%; O 20.40%

Biological Source: Alkaloid from leaves of *Securinega suffruticosa* (Euphorbiaceae)

Physical Description: Needles (petrol)

Melting Point: Mp 159-160°

Optical Rotation: [α]_D +120 (c, 0.15 in EtOH)

Other Data: Probable struct. based on revised struct. for Securinol A. Provisional numbering

>>Derivative: 15-Epimer, methanesulfonyl

Melting Point: Mp 176-177°

References:

Horii, Z. *et al.*, *Chem. Pharm. Bull.*, 1965, **13**, 1307; 1970, **18**, 2009, (*isol, uv, ord, ir, pmr, ms*)

Arbain, D. *et al.*, *J.C.S. Perkin 1*, 1991, 1863, (*isol, pmr, cmr, cryst struct, abs config*)