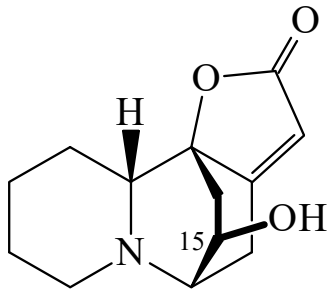
>>**Entry Name: Securinol A**



CAS Registry Number: 5008-48-0

Molecular Formula: $C_{13}H_{17}NO_3$
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. (C_6H_6)
Melting Point: Mp 135-136°
Optical Rotation: $[\alpha]_D^{17}$+58.2 (c, 0.14 in $CHCl_3$)

>>**Derivative:** Picrate

Physical Description: Cryst. + $1H_2O$ (EtOH)
Melting Point: Mp 186-187 dec.°

>>**Derivative:** 15-Epimer
Synonym(s): Securinol B

CAS Registry Number: 30155-10-3

Molecular Formula: $C_{13}H_{17}NO_3$
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: $[\alpha]_D$ +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)*