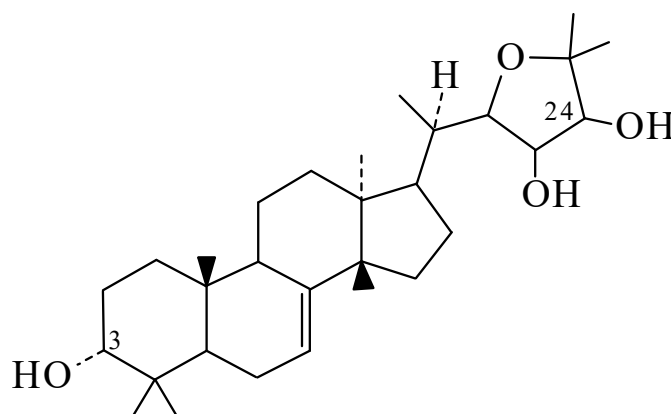




>>Entry Name: Odoratol

Synonym(s): Mexicanol†



CAS Registry Number: 16962-91-7

Molecular Formula: $C_{30}H_{50}O_4$

Molecular Weight: 474.723

Accurate Mass: 474.37091

Percentage Composition: C 75.90%; H 10.62%; O 13.48%

Biological Source: Constit. of *Cedrela odorata*, *Cedrela glaziovii* and *Cedrela mexicana*

Physical Description: Cryst. (C_6H_6)

Melting Point: Mp 236-238°

Optical Rotation: $[\alpha]_D -50$ ($CHCl_3$)

>>Derivative: 3-Ketone

Synonym(s): Odoratone

CAS Registry Number: 16962-90-6

Molecular Formula: $C_{30}H_{48}O_4$

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Cedrela odorata* and *Cedrela glaziovii*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 236-239°

Optical Rotation: $[\alpha]_D -90$ ($CHCl_3$)

>>Derivative: 24-Epimer

Synonym(s): Isoodoratol, 24-Epiodoratol

CAS Registry Number: 19940-89-7

Biological Source: From *Cedrela odorata* and *Cedrela glaziovii*

Physical Description: Cryst. (Et_2O /petrol)

Melting Point: Mp 251-253°

Optical Rotation: $[\alpha]_D -53$ ($CHCl_3$)

References:

Connolly, J.D. *et al.*, *J.C.S.(C)*, 1968, 2230, (*struct*)

Chan, W.R. *et al.*, *J.C.S.(C)*, 1968, 2485, (*struct*)