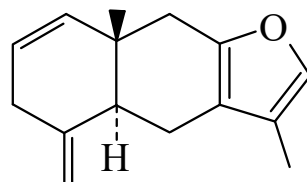




>>Entry Name: **Lindestrene**

Synonym(s): Furanoeudesma-1,4(15)-diene



CAS Registry Number: 2221-88-7

Molecular Formula: C₁₅H₁₈O

Molecular Weight: 214.307

Accurate Mass: 214.135765

Percentage Composition: C 84.07%; H 8.47%; O 7.47%

Biological Source: Constit. of *Lindera strychnifolia*

Boiling Point: Bp₂ 100-102°

Optical Rotation: [α]_D²⁴ -63.4 (c, 0.8 in dioxan)

>>Derivative: 1,2-Dihydro

Synonym(s): Furanoeudesm-4(15)-ene. **Atractylon.** Atractylol

CAS Registry Number: 6989-21-5

Molecular Formula: C₁₅H₂₀O

Molecular Weight: 216.322

Accurate Mass: 216.151415

Percentage Composition: C 83.29%; H 9.32%; O 7.40%

Biological Source: Constit. of *Atractylis ovata* and *Atractylodes japonica*

Physical Description: Cryst.

Melting Point: Mp 38°

Optical Rotation: [α]_D +40 (c, 10 in CHCl₃)

Solubility: BERDY SOL: Poorly sol. hexane

UV: [neutral] $\lambda_{\max}$ 220 (ϵ 7760) (EtOH) (Berdy)

References:

Hikino, H. *et al.*, *Chem. Pharm. Bull.*, 1962, **10**, 641, (*struct*)

Minato, H. *et al.*, *J.C.S.(C)*, 1966, 1866; 1968, 621, (*synth*)

Takeda, K. *et al.*, *J.C.S.(C)*, 1969, 1920, (*struct*)

Miller, R.B. *et al.*, *J.O.C.*, 1973, **38**, 4424, (*synth*)