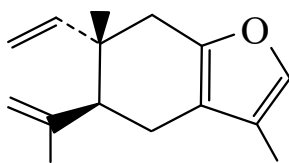




>>Entry Name: Isogermafurene

Synonym(s): Isofuranogermacrene. Curzerene



CAS Registry Number: 17910-09-7

Molecular Formula: C₁₅H₂₀O

Molecular Weight: 216.322

Accurate Mass: 216.151415

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

Biological Source: Isolated from the root of *Lindera strychnifolia*. Also isol. from *Curcuma zedoaria*, present to some extent in nearly all *Curcuma* spp.

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{20} -0.7$ (c, 0.87 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 210 (log ϵ 3.8) (EtOH)

Other Data: Probably an artifact

>>Derivative: 5-Epimer

Synonym(s): Neocurzene

CAS Registry Number: 74838-24-7

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 *Rhododendron anthopogonoides*

References:

Ishii, H. *et al.*, *Tetrahedron*, 1968, **24**, 625, (*isol*)

Hikino, H. *et al.*, *Chem. Pharm. Bull.*, 1970, **18**, 752-755, (*isol, abs config*)

Lu, Y.-C. *et al.*, *CA*, 1981, **94**, 7575r, (*Neocurzerene*)

Miyashita, M. *et al.*, *Chem. Lett.*, 1981, 593, (*synth*)