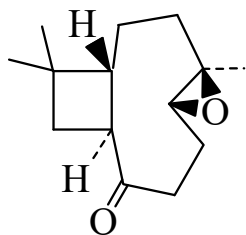




>>Entry Name: Kobusone

Synonym(s): 6,7-Epoxy-15-nor-3-caryophyllanone. Caryophyllene keto epoxide



CAS Registry Number: 24173-71-5

Molecular Formula: C₁₄H₂₂O₂

Molecular Weight: 222.327

Accurate Mass: 222.16198

Percentage Composition: C 75.63%; H 9.97%; O 14.39%

Biological Source: Constit. of *Cyperus rotundus*. Also in lavender oil and *Sindora sumatrana*

Physical Description: Cryst. (petrol)

Melting Point: Mp 60-61°

Optical Rotation: $[\alpha]_D -142.2$ (c, 3.6 in CHCl₃)

References:

Barton, D.H.R. *et al.*, *J.C.S.*, 1957, 2988, (*synth*)

Hikino, H. *et al.*, *Chem. Pharm. Bull.*, 1969, **17**, 1390, (*isol, struct*)

Kaiser, R. *et al.*, *Helv. Chim. Acta*, 1983, **66**, 1843, (*isol*)

Heymann, H. *et al.*, *Chem. Pharm. Bull.*, 1994, **42**, 138, (*isol, pmr, cmr*)