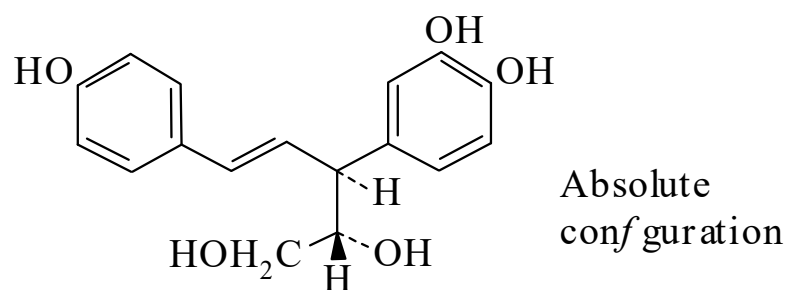




>>Entry Name: Sequirin C

Synonym(s): 4-[1-(1,2-Dihydroxyethyl)-3-(4-hydroxyphenyl)-2-propenyl]-1,2-benzenediol, 9Cl. 3-(3,4-Dihydroxyphenyl)-5-(4-hydroxyphenyl)-4-pentene-1,2-diol



CAS Registry Number: 18194-29-1

Molecular Formula: C₁₇H₁₈O₅

Molecular Weight: 302.326

Accurate Mass: 302.115425

Percentage Composition: C 67.54%; H 6.00%; O 26.46%

Biological Source: Constit. of *Cryptomeria japonica* and *Sequoia sempervirens*

Physical Description: Long needles (H₂O)

Melting Point: Mp 193°

Optical Rotation: $[\alpha]_D^{25} -90$ (c, 1 in MeOH)

References:

Balogh, B. *et al.*, *Phytochemistry*, 1965, **4**, 569

Riffer, R. *et al.*, *Phytochemistry*, 1967, **6**, 1557, (*pmr*)

Hatam, N.A.R. *et al.*, *J.C.S.(C)*, 1969, 1921, (*ir, pmr, abs config*)

Davies, R.V. *et al.*, *J.C.S. Perkin 1*, 1973, 2359

Chen, X.H. *et al.*, *Z. Naturforsch., C*, 2001, **56**, 249-252, (*isol, pmr, cmr*)