



>>Variant: (7'S,8R,8'R,9S)-form

Molecular Formula: C₁₈H₁₈O₆

Molecular Weight: 330.337

Accurate Mass: 330.11034

Percentage Composition: C 65.45%; H 5.49%; O 29.06%

>>Derivative: 3',5,9-Tri-Me ether

Synonym(s): Formosanol. Tsugacetal

CAS Registry Number: 101312-79-2

Biological Source: Isol. from *Dacrydium intermedium* and *Juniperus formosana*

Melting Point: Mp 188-189°

Optical Rotation: $[\alpha]_{\text{D}}^{23} -81.3$ (c, 1 in CHCl₃)

>>Derivative: 3',5,9-Tri-Me ether, di-Ac

Melting Point: Mp 201°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -76.3$ (c, 0.5 in CHCl₃)

References:

Cambie, R.C. *et al.*, *Aust. J. Chem.*, 1979, **32**, 2741; 1985, **38**, 1631, (*isol, struct*)

Fang, J.-M. *et al.*, *Phytochemistry*, 1985, **24**, 1363, (*isol, cryst struct*)

Dahl, R. *et al.*, *Tetrahedron*, 1986, **42**, 2005, (*synth*)

Ozawa, S. *et al.*, *Mokuzai Gakkaishi*, 1987, **33**, 747; 1988, **34**, 169; 851; *CA*, **108**, 19246; **109**, 8198; **112**, 8856, (*isol, pmr*)

Fang, J.-M. *et al.*, *J. Chin. Chem. Soc. (Taipei)*, 1989, **36**, 483, (*isol, struct*)

Kuo, Y.-H. *et al.*, *Chem. Pharm. Bull.*, 1990, **38**, 3195, (*isol, struct*)