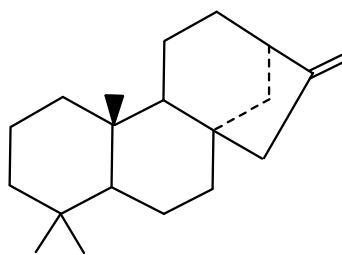




>>Entry Name: 16-Phyllocladene

ENTRY UNDER REVIEW

Synonym(s): Phyllocladene. Dacrene. Sciadopitene



CAS Registry Number: 20070-61-5

Molecular Formula: C₂₀H₃₂

Molecular Weight: 272.473

Accurate Mass: 272.2504

Percentage Composition: C 88.16%; H 11.84%

Biological Source: Constit. of many plants including *Phyllocladus* spp. and sunflower oil. Isol. from the fern *Osmunda asiatica*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 98°

Optical Rotation: $[\alpha]_D^{25} +15.8$ (CHCl₃)

References:

Kitahara, Y. *et al.*, *Bull. Chem. Soc. Jpn.*, 1964, **37**, 890, (*pmr*)

Shimagaki, M. *et al.*, *Chem. Pharm. Bull.*, 1976, **24**, 1209, (*synth, bibl*)

Manh, D.K. *et al.*, *J. Chem. Res., Synop.*, 1978, 22, (*synth, bibl*)