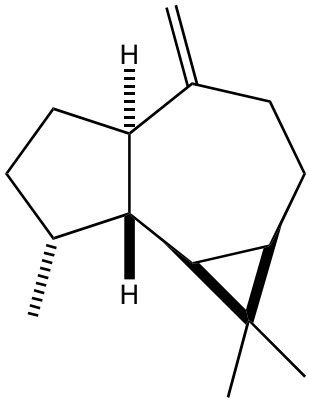
1972 (Sesquiterpene)

Name: (-)-Aromadendrene {1,1,7-Trimethyl-4-methylene-decahydro-cyclopropa[*e*]azulene}
Origin: *Laurencia filiformis* (Bells Beach, Victoria, Southern Australia)[(1)];
Formula: $C_{15}H_{24}$
Mol. Wt.: 204.35
Opt. Rot.: $[\alpha]_D$ -6.0 ($CHCl_3$)[(2)]; $[\alpha]_D$ -10.5 (C_2H_5OH)[(2)]
Mp.: Oil



References and Notes

(1) Rochfort, S. J. and Capon, R. J. 1996. Aust. J. Chem., **49**, 19-26. Parguerenes revisited: New brominated diterpenes from the southern Australian marine red alga *Laurencia filiformis*.
(2) **Synthesis**; Buchi, G., Hofheinz, W., and Pauksteris, J. V. 1969. J. Am. Chem. Soc. Jpn., 91, 6473-6478. The synthesis of (-)-aromadendrene and related sesquiterpenes. (**IR, ^{1}H-NMR**)