

1533 Sesquiterpene)

Name: 8,11-Dihydro-12-hydroxyisolaurene⁽¹⁾; 8,11-Dihydro-15-hydroxyisolaurene } }

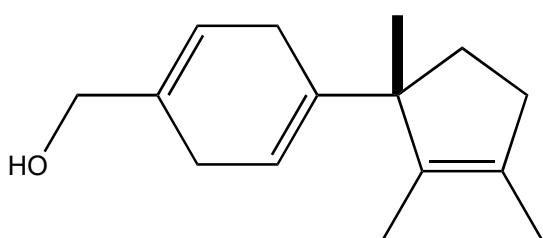
Origin: *Laurencia obtusa* (the Saudi Arabia Red Sea Coast, Jeddah, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₂O

Mol. Wt.: 218.33

Opt. Rot.: [α]_D +11.5 (CHCl₃)

Mp: Colorless oil



References and Notes

- (1) Alarif, W. M., Al-Lihaibi, S. S., Ayyad, S.-E. N., Abdel-Rhman, M. H., and Badria, F. A. 2012. Eur. J. Med Chem., **55**, 452-456. Laurene-type sesquiterpenes from the red alga *Laurencia obtusa* as potential antitumor-antimicrobial agents. (**UV, IR, ¹H-NMR, ¹³C-NMR, MS**)
(together with 12-hydroxyisolaurene, [8,11-dihydro-12-hydroxyisolaurene](#), isolauraldehyde, 2,10-dibromo-3-chlorochamigr-7-ene, cholest-4-en-3-one)