

1531 Sesquiterpene)

Name: 12-Hydroxyisolaurene⁽¹⁾; 15-Hydroxyisolaurene }

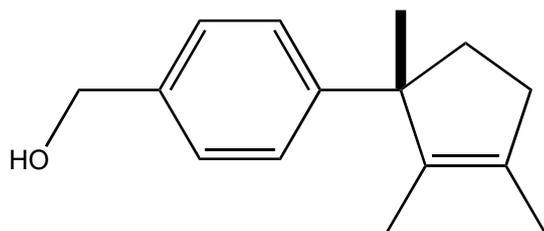
Origin: *Laurencia obtusa* (the Saudi Arabia Red Sea Coast, Jeddah, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₀O

Mol. Wt.: 216.32

Opt. Rot.: [α]_D +41.7 (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, isolaurealdehyde, 2,10-dibromo-3-chlorochamigr-7-ene, cholest-4-en-3-one)