

2759 (Diterpene)

Name: 11,12-Dihydro-3-hydroxyretinol

{4-(9-Hydroxy-3,7-dimethyl-nona-1,3,7-trienyl)-
3,5,5-trimethyl-cyclohex-3-enol}

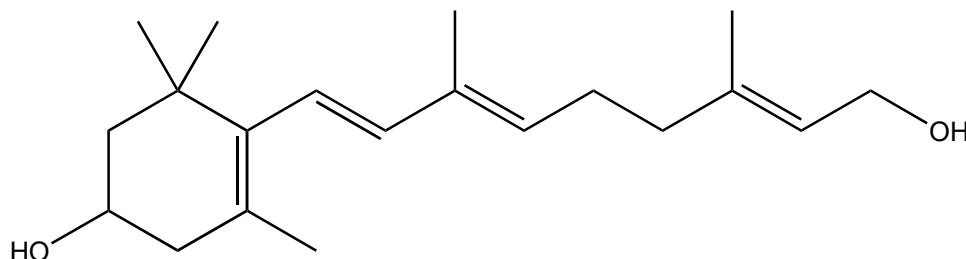
Origin: *Laurencia nipponica* (Muroran, Hokkaido, Japan)⁽¹⁾;

Formula: C₂₀H₃₂O₂

Mol. Wt.: 304.47

Opt. Rot.: [α]_D²⁷ -61.9 (CHCl₃)

Mp.: Oil



References and Notes

(1) Oguri, Y., Watanabe, M., Ishikawa, T., Kamada, T., Vairappan, C. S., Matsuura, H., Kaneko, K., Ishii, T., Suzuki, M., Yoshimura, E., Nogata, Y., and Okino, T. 2017. *Mar. Drugs*, **15**, (No. 9) 267. New marine antifouling compounds from the red alga *Laurencia* sp. (¹H-NMR, ¹³C-NMR) (together with 11,12-dihydro-3-hydroxyretinol, pacifenol, prepacifenol, 2,10-dibromo-3-chloro-9-hydroxy-α-chamigrene)