

3104# (Triterpene)

Name: 15-Anhydrothysiferol; 15,16-Anhydrothysiferol⁽¹⁾

Origin: *Laurencia omaezakiana* (Enoshima, Kanagawa Pref., Japan)⁽¹⁾;

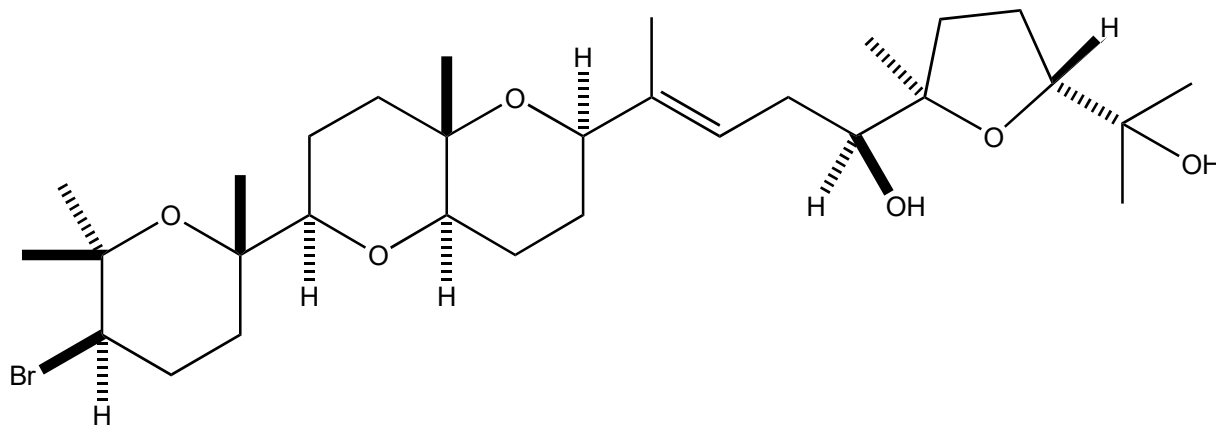
Laurencia omaezakiana (Omaezaki, Shizuoka Pref., Japan)^(1,2);

Formula: C₃₀H₅₁BrO₆

Mol. Wt.: 587.63

Opt. Rot.: [α]_D²² +13.1 (CHCl₃)

Mp.: Amorphus solid



References and Notes

(1) Matsuo, Y., Suzuki, M., Masuda, M., Iwai, T., and Morimoto, Y. 2008. *Helv. Chim. Acta*, **91**, 1261-1266. Squalene-derived triterpene polyethers from the red alga *Laurencia omaezakiana*.

(IR, ¹H-NMR, ¹³C-NMR, MS) (together with omaezakianol, 15,16-anhydrothysiferol)

(2) Matsuo, Y., Suzuki, M., and Masuda, M. 1995. *Chem. Lett.*, **24**, 1043-1044. Enshuol, a novel squalene-derived pentacyclic triterpene alcohol from a new species of the red algal genus *Laurencia*.