

3104# (Triterpene)

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

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

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

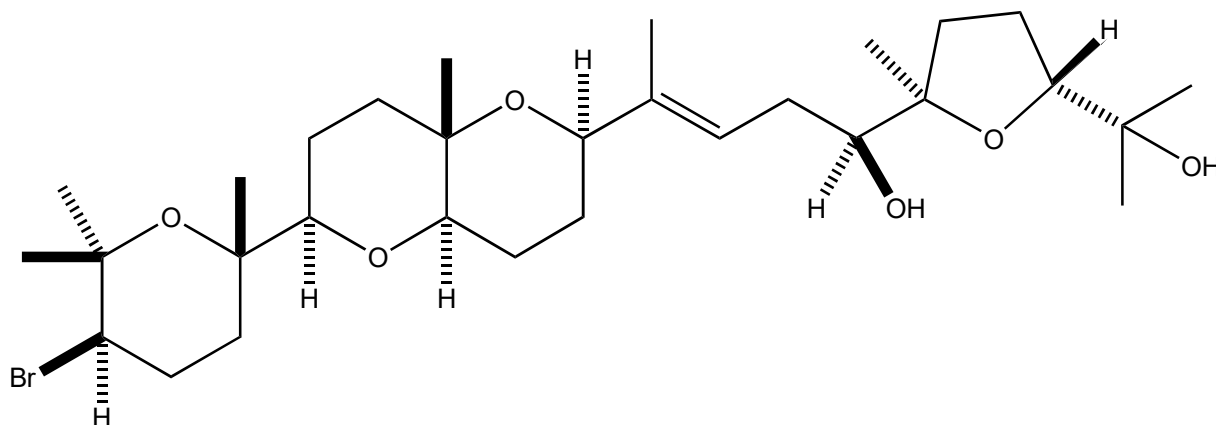
Laurencia omaezakiana (Shirahama, Wakayama Prefecture, Japan)⁽³⁾;

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*.

(3) Miwa, T., Tsuruta, T., Nozue, C., Nakagawa, R., Fukuda, R., Nishikawa, K., Morimoto, Y., Kumagai, M., Nakamura, R., Hamada, T., Yamagishi, Y., and Kamada, T. 2025. *Tetrahedron*, **181**, 134686.

Enshuol epoxide, an unusual squalene-derived bromotriterpene from *Laurencia omaezakiana* and its biological evaluation. (together with enshuol epoxide, enshuol, [15,16-anhydrothysiferol](#), [cis-chondrin](#))