

3202 (Triterpene)

Name: Aurilol

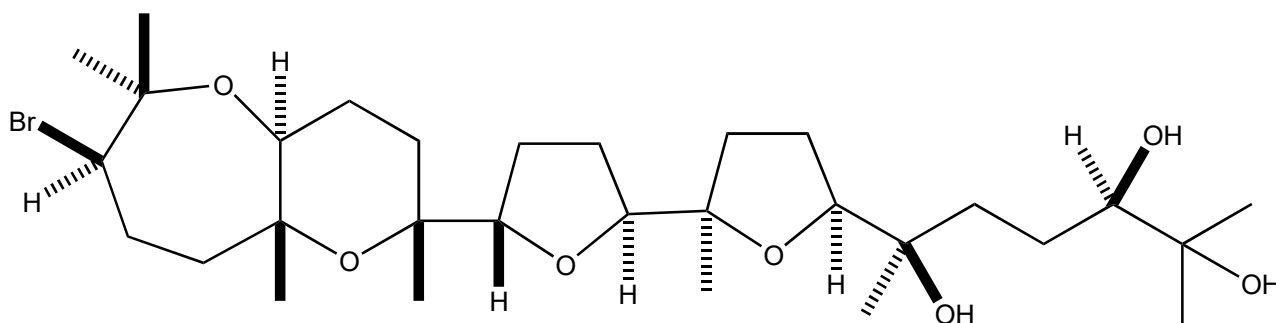
Origin: *Dolabella auricularia* (Shima Peninsula, Mie, Japan)⁽¹⁾;

Formula: C₃₀H₅₃BrO₇

Mol. Wt.: 605.64

Opt. Rot.: [α]_D³⁰ +4.6 (CHCl₃)

Mp.: Oil



References and Notes

- (1) **From the sea hare**; Suenaga, K., Shibata, T., Takada, N., Kigoshi, H., and Yamada, K. 1998. *J. Nat. Prod.*, **61**, 515-518. Aurilol, a cytotoxic bromotriterpene isolated from the sea hare *Dolabella auricularia*. (IR, ¹H-NMR, ¹³C-NMR)
- (2) **Total synthesis**; Morimoto, Y., Nishikawa, Y., and Takaishi, M. 2005. *J. Am. Chem. Soc.*, **127**, 5806-5807. Total synthesis and complete assignment of the stereostructure of a cytotoxic bromotriterpene polyether (+)-aurilol.