

2701 (Diterpene)

Name: 3-Bromobarekoxide

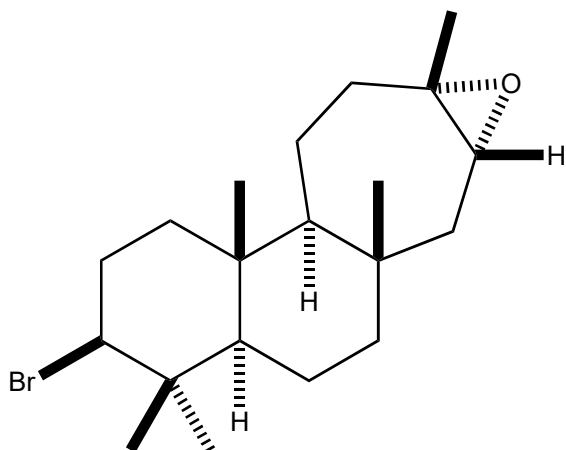
Origin: *Laurencia snackeyi* (as *L. luzonensis*⁽³⁾) (Kudaka Island, Nanjo, Okinawa Pref., Japan)^(1,2);

Formula: C₂₀H₃₃BrO

Mol. Wt.: 369.38

Opt. Rot.: [α]_D²⁷ +6.18 (CHCl₃)

Mp.: 165



References and Notes

- (1) Kuniyoshi, M., Marma, M. S., Higa, T, Bernardinelli, G, and Jefford, C. W. 2001. *J. Nat. Prod.*, **64**, 696-700. New bromoterpenes from the red alga *Laurencia luzonensis*. (IR, ¹H-NMR, ¹³C-NMR, MS) (together with 3-bromobarekoxide, isopalisol, luzonensol, luzonensol acetate, luzonensin, known sesquiterpenes; palisadin A, palisadin B, aplysisstatin, palisol)
- (2) X-ray diffraction analysis; Kuniyoshi, M., Marma, M. S., Higa, T, Bernardinelli, G, and Jefford, C. W. 2000. *J. Chem. Soc. Chem. Commun.*, **2000**, 1155-1156. 3-Bromobarekoxide, an unusual diterpene from *Laurencia luzonensis*.
- (3) Ishii, T., Hisada, W., Abe, T., Kikuchi, N., and Suzuki, M. 2020. *Rec. Nat. Prod.*, **14**, 150-153. (published online: 26 August 2019). A new record of the marine red alga *Laurencia snackeyi* from Japan and its chemotaxonomic significance.