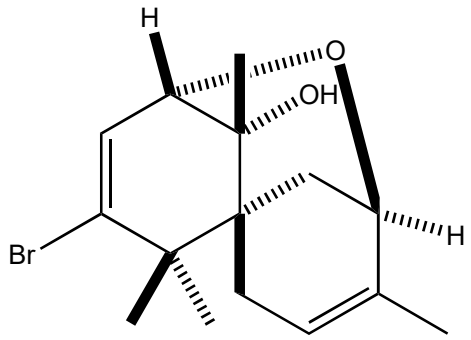
1299-46 (Sesquiterpene)

Name: Claviol[(1)]; 10-Bromo-2,8-epoxychamigra-3,9-dien-7-ol
{9-Bromo-4,10,10,11-tetramethyl-
6-oxa-tricyclo[5.3.1.1^{1,5}]dodeca-3,8-dien-11-ol}
Origin: *Laurencia claviformis* (Vaihu, Easter Island, Chile)[(1)];
Formula: $C_{15}H_{21}BrO_2$
Mol. Wt.: 313.23
Opt. Rot.: $[a]_D^{25}$ +6.8 ($CHCl_3$)
Mp.: 138 (from hexane)



References and Notes

(1) Rovirosa, J., Soto, H., Cueto, M., Darias, J., Herrera, J., and San-Martin, A. 1999. Phytochemistry, **50**, 745-748. Sesquiterpenes from *Laurencia claviformis.* (**IR, ^{1}H-NMR, ^{13}C-NMR, MS**)
(together with claviol, 5 known compounds; pacifenol, prepacifenol, deoxyprepacifenol, 9-hydroxy-4,10-dibromo-3-chloro-a-chamigrene, 4,10-dibromo-3-chloro-a-chamigrene)