

7302#13 (Miscellaneous)

Name: (3*S**)-3-Hydroxy-1-deoxybromotetrasphaerol

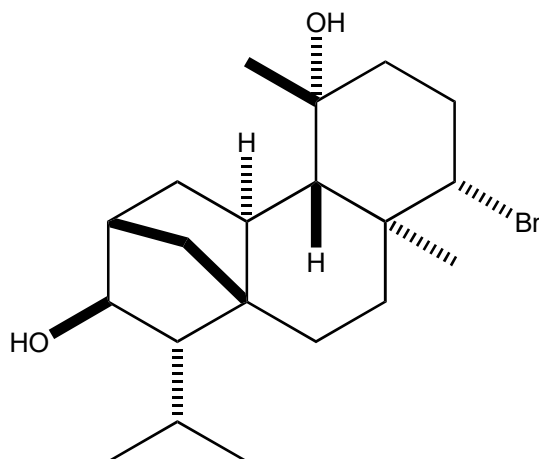
Origin: *Sphaerococcus coronopifolius* (Palaiokastritsa Bay, the west coast of Corfu Island, Greece)⁽¹⁾;

Formula: C₂₀H₃₃BrO₂

Mol. Wt.: 385.38

Opt. Rot.: [α]_D²⁰ -5.1 (CHCl₃)

Mp.: Oil



References and Notes

- (1) Smyrniotopoulos, V., Vagias, C., Rahman, M. M., Gibbons, S., and Roussis, V. 2010. Chem. Biodiversity, 7, 186-195. Structure and antibacterial activity of brominated diterpenes from the red alga *Sphaerococcus coronopifolius*. (UV, IR, ¹H-NMR, ¹³C-NMR, MS)
(together with (1*S**)-1-methoxybromotetrasphaerol, (4*R**)-4-hydroxy-1-deoxybromotetrasphaerol, (3*S**)-3-hydroxy-1-deoxybromotetrasphaerol, (3*S**)-3-bromo-1-deoxybromotetrasphaerol)