

7308 (Miscellaneous)

Name: 1-Hydroperoxybromosphaerane I

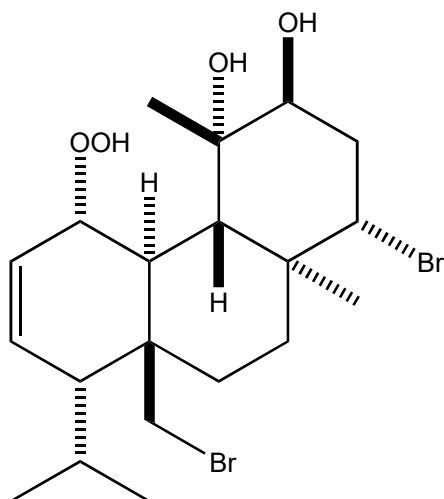
Origin: *Sphaerococcus coronopifolius* (the west coast of Corfu Island, Greece)⁽¹⁾;

Formula: C₂₀H₃₂Br₂O₄

Mol. Wt.: 496.27

Opt. Rot.: [α]_D²⁰ +29.8 (CHCl₃)

Mp.: Crystalline solid



References and Notes

(1) Smyrniotopoulos, V., Quesada, A., Vagias, C., Moreau, D., Roussakis, C., and Roussis, V. 2008. *Tetrahedron*, **64**, 5184-5190. Cytotoxic bromoditerpenes from the red alga *Sphaerococcus coronopifolius*. (X-ray crystallographic analysis) (¹H-NMR, ¹³C-NMR, MS) (together with 3 new bromoditerpene, 6 known diterpenes; 1-hydroperoxybromosphaerane I, bromosphaerodiol, 12R-hydroxybromosphaerol, 12S-hydroxybromosphaerol, bromosphaerol, sphaerococcenol A)