

**7310** (Miscellaneous)

Name: Bromosphaerane derivative 1

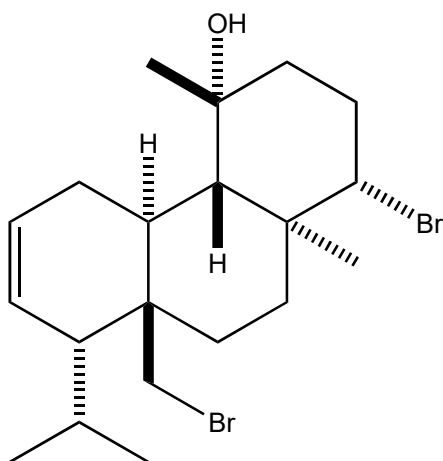
Origin: *Sphaerococcus coronopifolius* (the west coast of Corfu Island, Greece)<sup>(1)</sup>;

Formula: C<sub>20</sub>H<sub>32</sub>Br<sub>2</sub>O

Mol. Wt.: 448.28

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> +63.3 (CHCl<sub>3</sub>)

Mp.: Oil



**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*. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS) (together with 3 new bromoditerpene, 6 known diterpenes; 1-hydroperoxybromosphaerane I, bromosphaerodiol, 12*R*-hydroxybromosphaerol, 12*S*-hydroxybromosphaerol, bromosphaerol, sphaerococcenol A)