

## 7302#6 (Miscellaneous)

Name: 2*S*-Hydroxyisobromosphaerol

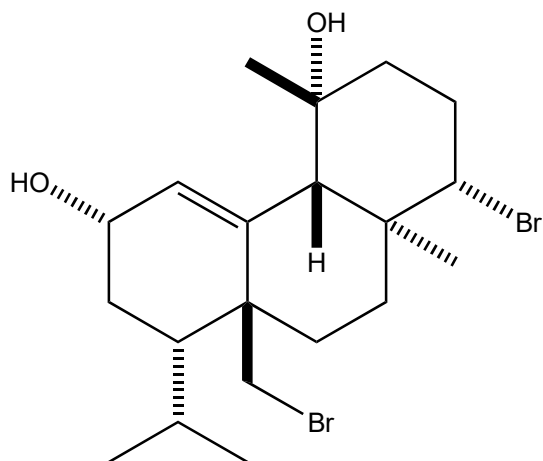
Origin: *Sphaerococcus coronopifolius* (Palaiokastritsa Bay, the west coast of Corfu Island, Greece)<sup>(1)</sup>;

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

Mol. Wt.: 464.27

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> +8.4 (CHCl<sub>3</sub>)

Mp.: Oil



### References and Notes

(1) Smyrniotopoulos, V., Vagias, C., Rahman, M. M., Gibbons, S., and Roussis, V. 2008. *J. Nat. Prod.*, **71**, 1386-1392. Brominated diterpenes with antibacterial activity from the red alga *Sphaerococcus coronopifolius*. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS) (together with [2\*S\*-hydroxyisobromosphaerol](#), *2S*-hydroperoxy-12*R*-hydroxyisobromosphaerol, *2S*-hydroperoxy-12*S*-hydroxyisobromosphaerol, *1S*-hydroxy-1,2-dihydrosphaerococcenol-A, *14S*-bromo-1*S*-hydroxy-1,2,13,14-tetrahydrosphaerococcenol-A, *15*-hydroxy-1,2-dihydrobromosphaerol)