

7315 (Miscellaneous)

Name: Isosphaerodiene-2

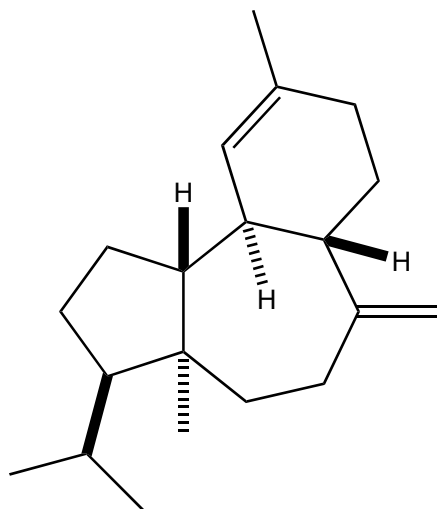
Origin: *Sphaerococcus coronopifolius* (near Massalubrense, Bay of Naples, Italy)⁽¹⁾;

Formula: C₂₀H₃₂

Mol. Wt.: 272.47

Opt. Rot.: [α]_D+18 (CHCl₃)

Mp.: Oil



References and Notes

(1) Cafieri, F., De Napoli, L., Fattorusso, E., and Santacroce, C. 1987. *Phytochemistry*, **26**, 471-473.

Diterpenes from the red alga *Sphaerococcus coronopifolius*. (**IR**, **¹H-NMR**)

(together with 12*S*-hydroxybromosphaerodiol, 12*R*-hydroxybromosphaerol, isosphaerodiene-1, [isosphaerodiene-2](#))

(2) **Dehydration Product of presphaerol**; Cafieri, F., Di Blasio, B., Fattorusso, E., and Pedon, C.

1981. *Tetrahedron Lett.*, **41**, 4123-4126. Diterpenes from the red alga *Sphaerococcus coronopifolius*.

(**IR**, **¹H-NMR**, **MS**)