

2747 (Diterpene)

Name: Rogioldiol A

{2-Bromo-4-[3-(2,2-dimethyl-6-methylene-cyclohex-3-enyl)-
3-hydroxy-1-methyl-propenyl]-1-methyl-cyclohexanol}

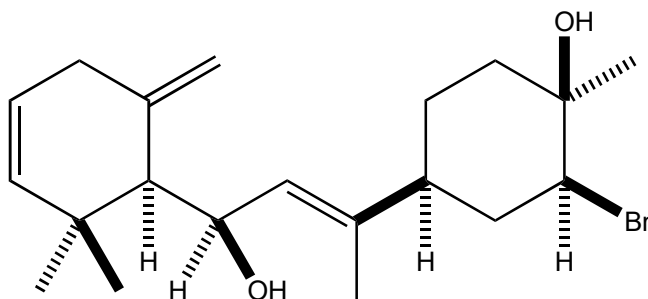
Origin: *Laurencia microcladia* (II Rogiolo along the Coast of Tuscany, Italy)⁽¹⁾;

Formula: C₂₀H₃₁BrO₂

Mol. Wt.: 383.36

Opt. Rot.: [α]_D²⁰ -43 (MeOH)

Mp.: Oil



References and Notes

(1) Guella, G., Marchetti, F., and Pietra, F. 1997. *Helv. Chim. Acta*, **80**, 684-694. Rogioldiol A, a new obtusane diterpene, and rogiolal, a degraded derivative, of the red seaweed *Laurencia microcladia* from II Rogiolo along the Coast of Tuscany: a synergism in structural elucidation.

(¹H-NMR, ¹³C-NMR, MS) (together with [rogioldiol A](#), rogiolal, isorogiolal, obtusadiol)