

4317 (C15 acetogenin)

Name: Rogioloxepane C

{2-(1-Bromo-propyl)-5-chloro-7-(1-chloro-hex-3-en-5-ynyl)-
oxepan-4-ol}

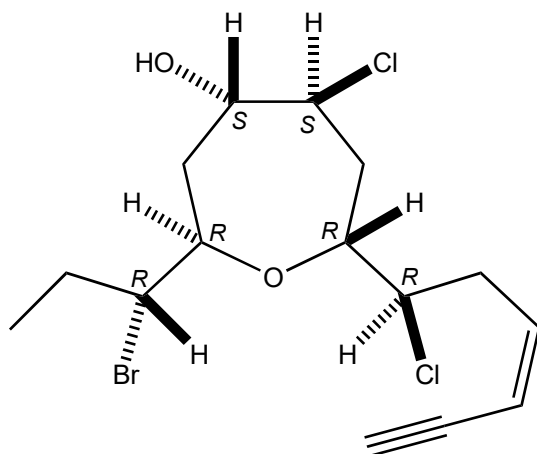
Origin: *Laurencia microcladia* (off the torrent II Rogiolo, Mediterranean, Spain)⁽¹⁾;

Formula: C₁₅H₂₁BrCl₂O₂

Mol. Wt.: 384.14

Opt. Rot.: [α]_D +23 (CCl₄)

Mp.: Oil



References and Notes

(1) Guella, G., Mancini, I., Chiasera, G., and Pietra, F. 1992. *Helv. Chim. Acta*, **75**, 310-322. On the unusual propensity by the red seaweed *Laurencia microcladia* of II Rogiolo to form C₁₅ oxepanes: Isolation of rogioloxepane A, B, C, and their likely biogenetic acyclic precursor, prelogioloxepane. (¹H-NMR, ¹³C-NMR, MS)