

4124 (C15 acetogenin)

Name: Prerogioloxepane

{6-Chloro-pentadeca-3,9,12-trien-1-yn-7-ol}

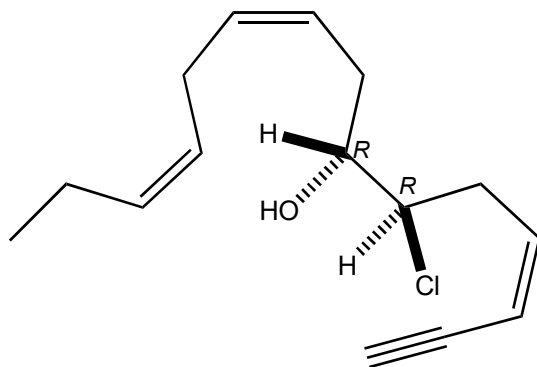
Origin: *Laurencia microcladia* (off the torrent II Rogiolo, Mediterranean, Spain)⁽¹⁾;

Formula: C₁₅H₂₁ClO

Mol. Wt.: 252.78

Opt. Rot.:

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, prerogioloxepane. (¹H-NMR, ¹³C-NMR)