

4462 (C15 acetogenin)

Name: *trans*-Chondriol

{2-(1-Bromo-propylidene)-7-chloro-8-pent-2-en-4-ynyl-
3,6,7,8-tetrahydro-2*H*-oxocin-3-ol}

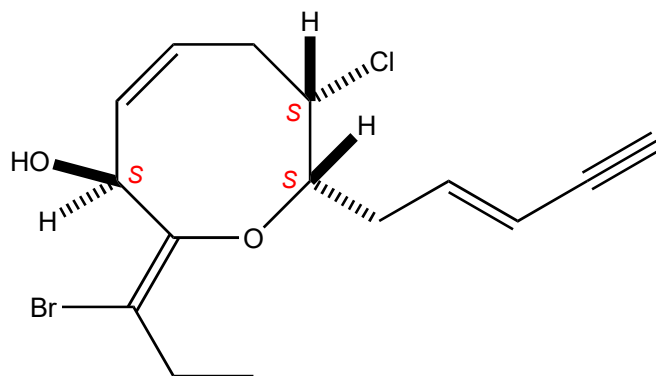
Origin: *Laurencia* sp. (San Carlos Bay, Guaymas, Mexico)⁽¹⁾;

Formula: C₁₅H₁₈BrClO₂

Mol. Wt.: 345.66

Opt. Rot.:

Mp.:



References and Notes

(1) Howard, B. M., Fenical, W., Hirotsu, K., Solheim, B., and Clardy, J. 1980. *Tetrahedron*, **36**, 171-176. The rhodophytin and chondriol natural products; Structures of several new acetylenes from *Laurencia*, and a reassignment of structure for *cis*-rhodophytin. (IR, ¹H-NMR, ¹³C-NMR) (together with *cis*-rhodophytin, *trans*-rhodophytin, *cis*-chondriol, *trans*-chondriol, *cis*-chondrin, *trans*-chondrin)