

4746 (C15 acetogenin)

Name: Thuwalallene D

{6-Bromo-1-(6-bromo-5-ethyl-hexahydro-furo[3,2-*b*]pyran-2-yl)-3-chloro-hexa-4,5-dien-1-ol}

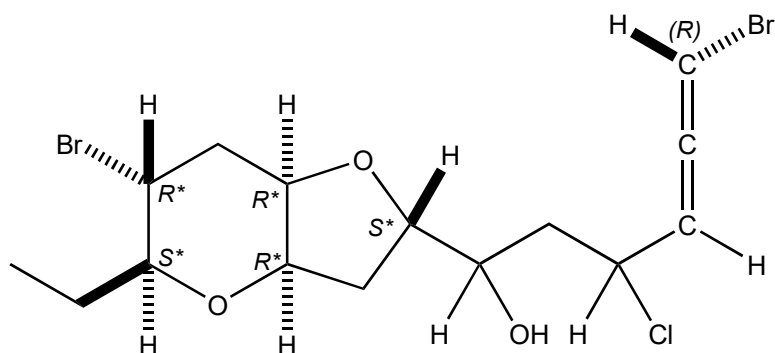
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₁Br₂ClO₃

Mol. Wt.: 444.59

Opt. Rot.: [α]_D²⁰ -62 (CHCl₃)

Mp.: Oil



References and Notes

(1) Koutsaviti, A., Daskalaki, M. G., Agusti, S., Kampranis, S. C., Tsatsanis, C., Duarte, C. M., Roussis, V., and Ioannou, E. 2019. *Mar. Drugs*, 17(11), 644. Thuwalallenes A-E and Thuwalenynes A-C: New C₁₅ acetogenins with anti-inflammatory activity from a Saudi Arabian Red Sea *Laurencia* sp. (UV, IR, ¹H-NMR, ¹³C-NMR) (together with [thuwalallenes D](#), thuwalallenes A-C and E, thuwalenynes A-C, *cis*-maneone D, thyrseferol, thyrseferyl 23-acetate)