

4325 (C15 acetogenin)

Name: Thuwalenyne C {5-Bromo-6-ethyl-2-octa-2,5-dien-7-ynyl-tetrahydro-pyran-3-ol}

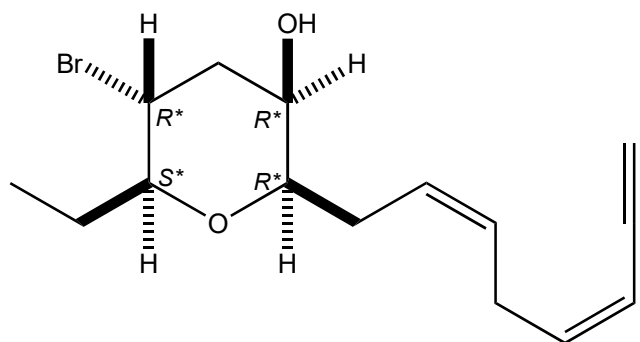
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₁BrO₂

Mol. Wt.: 313.28

Opt. Rot.: [α]_D²⁰ -15 (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 Thuwalenyne 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 A-E, thuwalenyne A-B, [thuwalenyne C](#), *cis*-maneone D, thysiferol, thysiferyl 23-acetate)