

4745 (C15 acetogenin)

Name: Thuwalallene C

{3-Bromo-6-(3-bromo-propa-1,2-dienyl)-2-ethyl-
2,3,4,4a,6,7,10,10a-octahydro-1,5-dioxabenzocyclooctene}

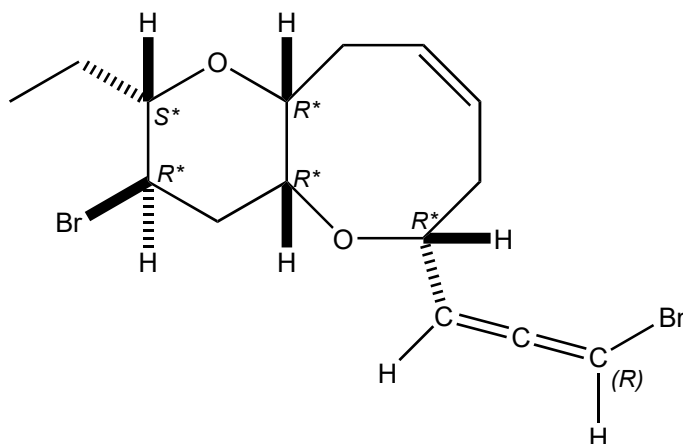
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₀Br₂O₂

Mol. Wt.: 392.13

Opt. Rot.: [α]_D²⁰ -49 (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 [thuwalallene C](#), thuwalallenes A-B and D-E, thuwalenynes A-C, *cis*-maneone D, thyrseferol, thyrseferyl 23-acetate)