

4323 (C15 acetogenin)

Name: Thuwalenyne A

{3,7-Dibromo-2-ethyl-6-pent-2-en-4-ynyl-
octahydro-pyrano[3,2-*b*]pyran}

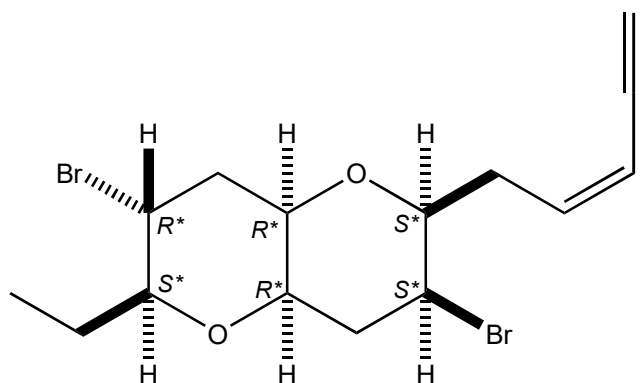
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₀Br₂O₂

Mol. Wt.: 392.13

Opt. Rot.: [α]_D²⁰ +9 (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](#), thuwalenyne B-C, *cis*-maneone D, thysiferol, thysiferol 23-acetate)