

4324 (C15 acetogenin)

Name: Thuwalenyne B

{6-Bromo-2-(1-bromo-hex-3-en-5-ynyl)-5-ethyl-hexahydro-furo[3,2-*b*]pyran}

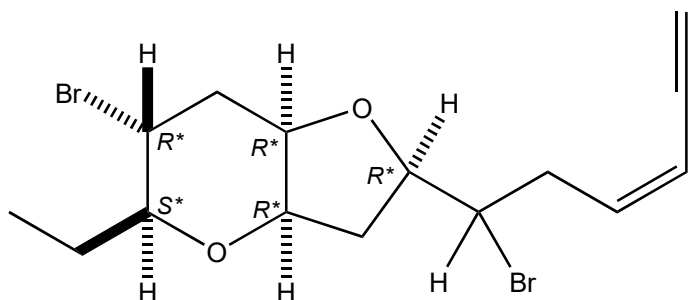
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)⁽¹⁾;

Formula: C₁₅H₂₀Br₂O₂

Mol. Wt.: 392.13

Opt. Rot.: [α]_D²⁰ -7 (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 B: 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 B](#), thuwalenyne A and C, *cis*-maneonene D, thysiferol, thysiferyl 23-acetate)