

4632 (C15 acetogenin)

Name: (3Z,7S*,9R*,10S*)-9--Acetoxy-6-bromo-7,10-epoxypentadec-3-en-1-yne }

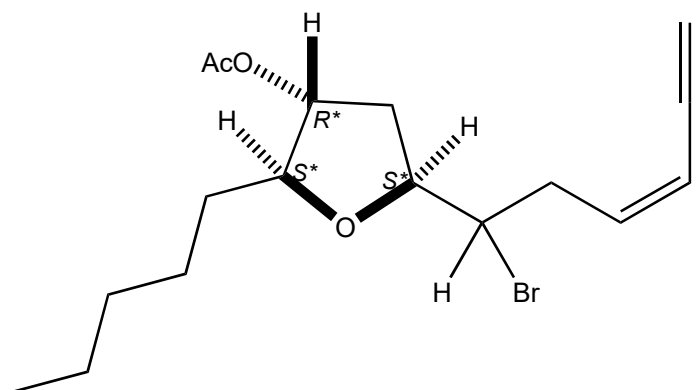
Origin: *Laurencia majuscula* (the coral reef in the Red Sea, Hurghada, Egypt)⁽¹⁾;

Formula: C₁₇H₂₅BrO₃

Mol. Wt.: 257.28

Opt. Rot.: [α]_D²⁰ +1.88 (CHCl₃)

Mp.: Colorless oil



References and Notes

(1) Tammam, M. A., Daskalaki, M. G., Tsoureas, N., Kolliniati, O., Mahdy, A., Kampranis, S. C., Tsatsanis, C., Roussis, V., and Ioannou, E. 2023. Mar. Drugs, **21**, (2) 79. Secondary metabolites with anti-inflammatory activity from *Laurencia majuscula* collected in the Red Sea.

(UV, IR, ¹H-NMR, ¹³C-NMR)

(together with maneonene F, maneonene G, maneonene H, *cis*-maneonene D, 9-acetoxy-6-bromo-7,10-epoxypentadec-3-en-1-yne, isolaurene, 4-oxoisolaurene, 15-bromoisolaurene, isolauraldehyde, 2,3-epoxy-15-hydroxydihydroisolaurene, 2,3-epoxydihydroisolaurene, laur-2-ene-3,12-diol, cuparene-3,12-diol, 2,3-dioxo-15-hydroxy-*seco*-laurene, β-snyderol, 2,10-dibromo-3-chloro-α-chamigrene, laurecomin C, compositacin A, laurokamin A, aristol-9-en-1α-ol, kahukene B, (2Z)-2-chloro-pentadec-2-enal)