

4322## (C15 acetogenin)

Name: *cis*-Sargonenyne {Acetic acid 2-bromo-1-(5-bromo-6-ethyl-3-hydroxy-tetrahydro-pyran-2-ylmethyl)-hept-4-en-6-ynyl ester}

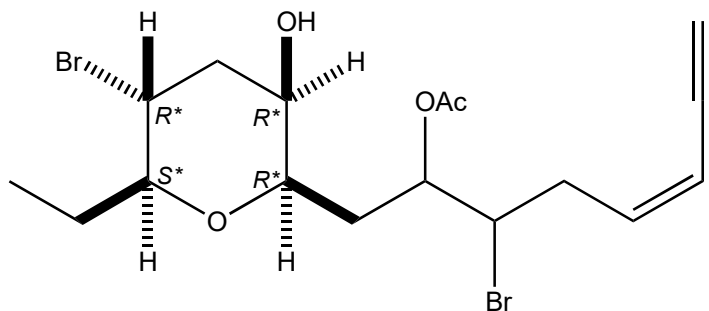
Origin: *Laurencia microcladia* (the coast of Agia Kyriaki, Tinos Island in the Aegean Sea, Greece)⁽¹⁾;

Formula: C₁₇H₂₄Br₂O₄

Mol. Wt.: 452.18

Opt. Rot.: [α]_D²⁰ -29.9 (CHCl₃)

Mp.: Oil



References and Notes

(1) Harizani, M., Diakaki, D.-I., Perdikaris, S., Roussis, V., and Ioannou, E. 2022. *Molecules*, **27**(6), 1866. New C₁₅ acetogenins from two species of *Laurencia* from the Aegean Sea.

(UV, IR, ¹H-NMR, ¹³C-NMR) (together with nine C₁₅ acetogenins, including five new 10-acetyl-sargonenyne, *cis*-sargonenyne, *trans*-thuwalenyne C, tinosallene A, tinosallene B; six known sesquiterpenes; two known diterpenes)