

4809# (C15 acetogenin)

Name: 12-Bromo-7-methoxy-obtusallenyl acetate III

{Acetic acid 12-bromo-4-(3-bromo-propa-1,2-dienyl)-7-methoxy-2-methyl-3,13-dioxabicyclo[8.2.1]tridec-5-en-9-yl ester}

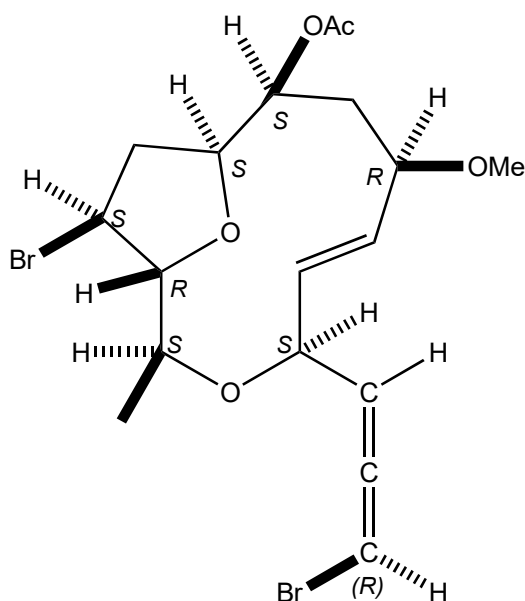
Origin: *Laurenciella* sp. (along the Sanguinaires Road, Ajaccio, Corsica, France)^(1,2);

Formula: C₁₈H₂₄Br₂O₅

Mol. Wt.: 480.19

Opt. Rot.: [α]_D²⁵ -45 (CHCl₃)

Mp.: 133-135



References and Notes

(1) Sutour, S., Therrien, B., von Reuss, S. H., and Tomi, F. 2018. *J. Nat. Prod.*, **81**, 279-285. Halogenated C₁₅ acetogenin analogues of obtusallene III from a *Laurenciella* sp. collected in Corsica. (UV, IR, ¹H-NMR, ¹³C-NMR) (together with 4 obtusallene III derivatives, 1 marilzabicycloallene C derivative, 17 known compounds; (3*E*)-laurenyne (main component), (3*Z*)-laurenyne, obtusallene I, obtusin, (*E*)-pinnadifidenyne, 10-bromoobtusallene I, 4-acetoxymarizallene, marizallene B, α-bromocuparene, α-isobromocuparene, α-snyderol, 1-deacetoxy-8-deoxyalgaone, cycloelatenene A, 9,15-dibromo-1,3(15)-chamigradien-11-ol, etcetera)

Supporting Information (UV, ¹H-NMR, ¹³C-NMR, 2D NMR)

(2) **Correction**; *J. Nat. Prod.*, 81 (2018), 2306.