

4735 (C15 acetogenin)

Name: 13-Bromo-13-deoxymarilzabicycloallene C

{2,11-Dibromo-5-(3-bromo-propa-1,2-dienyl)-

8-chloro-10-methoxy-3-methyl-4,13-dioxabicyclo[5.5.1]tridecane}

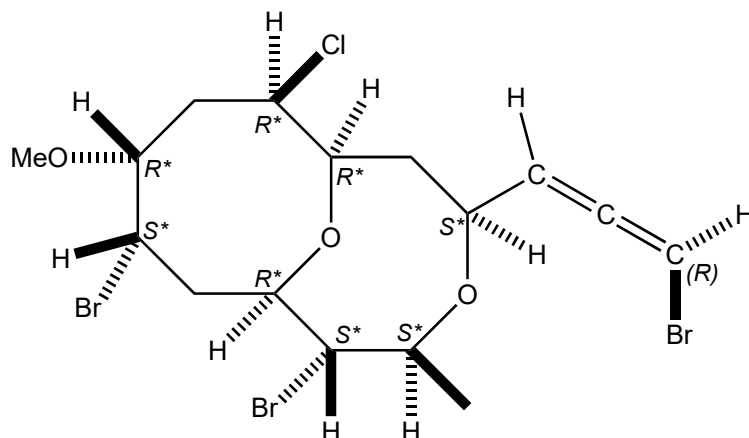
Origin: *Laurenciella* sp. (along the Sanguinaires Road, Ajaccio, Corsica, France)^(1,2);

Formula: C₁₆H₂₂Br₃ClO₃

Mol. Wt.: 537.51

Opt. Rot.: [α]_D²⁵ -71 (CHCl₃)

Mp.: Amorphous solid



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, 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, 10-bromoobtusallene I, (*E*)-pinnadifidenyne, obtusin, 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.