

4310 (C15 acetogenin)

Name: (3*Z*)-Dactomelyne

{3-Bromo-7-chloro-2-ethyl-6-pent-2-en-4-ynyl-octahydro-pyrano[3,2-*b*]pyran}

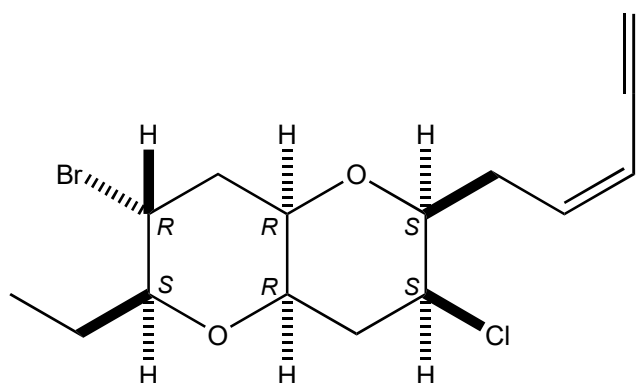
Origin: *Aplysia dactylomela* (Bimini, Bahamas)⁽¹⁾;

Formula: C₁₅H₂₀BrClO₂

Mol. Wt.: 347.68

Opt. Rot.: [α]_D -21.3 (CHCl₃)

Mp.: 119-120 (hexane)



References and Notes

(1) Gopichand, Y., Schmitz, F. J., Shelly, J., Rahman, A., and van der Helm, D. 1981. *J. Org. Chem.*, **46**, 5192-5197. Marine natural products: Halogenated acetylenic ethers from the sea hare *Aplysia dactylomela*. (UV, IR, ¹H-NMR, MS) (together with 12-*epi*-obtusenyne, (3*E*)-12-*epi*-obtusenyne, (3*E*)-dactomelyne, (3*Z*)-dactomelyne, isodeodactol)