

4437 (C15 acetogenin)

Name: (3Z)-13-Epipinnatifidenyne {8-(1-Bromo-propyl)-3-chloro-2-pent-2-en-4-ynyl-3,4,7,8-tetrahydro-2H-oxocine}

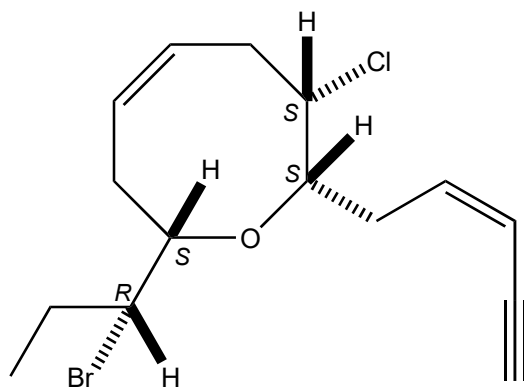
Origin: *Laurencia claviformis* (Vaihu, Easter Island, South Pacific Ocean, Chile)⁽¹⁾;

Formula: C₁₅H₂₀BrClO

Mol. Wt.: 331.68

Opt. Rot.: [α]_D²⁵ +13.4 (CHCl₃)

Mp.: 64-65



References and Notes

(1) San-Martin, A, Darias, J., Soto, H., Contreras, C., Herrera, J. S., and Rovirosa, J. 1997. Nat. Prod. Lett., **10**, 303-311. A new C₁₅ acetogenin from the marine alga *Laurencia claviformis*.

(IR, ¹H-NMR, ¹³C-NMR, MS) (together with (3Z)-13-epipinnatifidenyne, prepacifenol, deoxyprepacifenol, laurenisol, 9-hydroxy-4,10-dibromo-3-chloro-α-chamigrene)