

4122 (C15 acetogenin)

Name: (3*E*,9*Z*)-(6*R*,7*R*)-6-Hydroxy-7-chloro-pentadeca-3,9-dien-1-yne

{7-Chloro-pentadeca-3,9-dien-1-yn-6-ol}

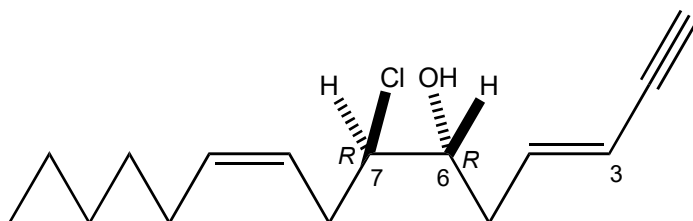
Origin: *Laurencia pinnatifida* (Tenerife, Canary Islands, Spain)⁽¹⁾;

Formula: C₁₅H₂₃ClO

Mol. Wt.: 254.80

Opt. Rot.: [α]_D²⁵ +17.0 (CHCl₃)

Mp.: Oil



References and Notes

(1) Norte, M., Gonzalez, A. G., Cataldo, F., Rodriguez, M. L., and Brito, I. 1991. *Tetrahedron*, **47**, 9411-9418. New examples of acyclic and cyclic C-15 acetogenins from *Laurencia pinnatifida*.

Reassignment of the absolute configuration for E and Z pinnatifidiényne.

(UV, IR, ¹H-NMR, ¹³C-NMR, MS) (together with linear and cyclic acetogenins)