

4123 (C15 acetogenin)

Name: (3Z,9Z,12E)-7-Acetoxy-6-chloro-pentadeca-3,9,12-trien-1-yne

{Acetic acid 1-(1-chloro-hex-3-en-5-ynyl)-nona-3,6-dienyl ester}

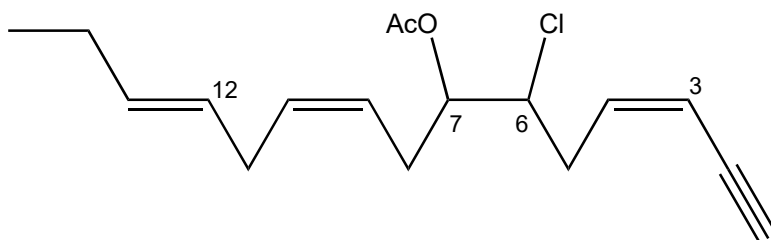
Origin: *Laurencia glandulifera* (Loutraki Bay, the island of Crete, in the Aegean Sea, Greece)⁽¹⁾;

Formula: C₁₇H₂₃ClO₂

Mol. Wt.: 294.82

Opt. Rot.: $[\alpha]_D^{20} +2.5$ (CHCl₃)

Mp.: Oil



References and Notes

(1) Kladi, M., Vagias, C., Papazafiri, P., Brogi, S., Tafi, A., and Roussis, V. 2009. *J. Nat. Prod.*, **72**, 190-193. Tetrahydrofuran acetogenins from *Laurencia glandulifera*.

(UV, IR, ¹H-NMR, ¹³C-NMR, MS) (together with several C15 acetogenins)