

4413 (C15 acetogenin)

Name: 10-Acetoxy-9-hydroxy-6-chlorolauthisa-3,11-dien-1-yne

{Acetic acid 2-(1-chloro-hex-3-en-5-ynyl)-8-ethyl-4-hydroxy-3,4,5,8-tetrahydro-2*H*-oxocin-5-yl ester}

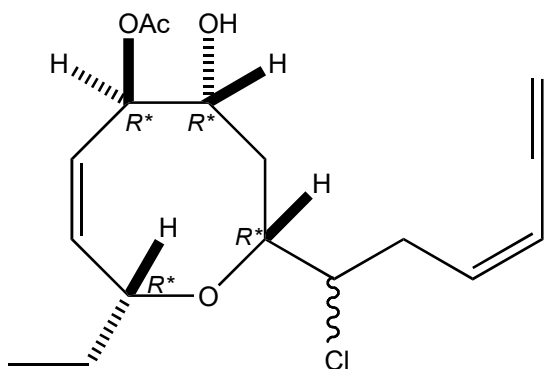
Origin: *Laurencia glandulifera* (Loutraki Bay, Crete Island, Greece)⁽¹⁾;

Formula: C₁₇H₂₃ClO₄

Mol. Wt.: 326.82

Opt. Rot.: [α]_D²⁰ -30.0 (CHCl₃)

Mp.: Oil



References and Notes

(1) Kladi, M., Vagias, C., Stavri, M., Rahman, M. M., Gibbons, S., and Roussis, V. 2008. *Phytochem. Lett.*, **1**, 31-36. C₁₅ acetogenins with antistaphylococcal activity from the red alga *Laurencia glandulifera*. (UV, IR, ¹H-NMR, ¹³C-NMR, MS)