

## 4121 (C15 acetogenin)

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

{Acetic acid 2-chloro-1-pent-2-en-4-ynyl-dec-4-enyl ester}

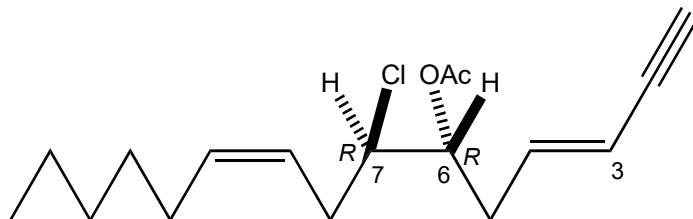
Origin: *Laurencia pinnatifida* (Tenerife, Canary Islands, Spain)<sup>(1)</sup>;

Formula: C<sub>17</sub>H<sub>25</sub>ClO<sub>2</sub>

Mol. Wt.: 296.83

Opt. Rot.: [α]<sub>D</sub><sup>25</sup> -12.9 (CHCl<sub>3</sub>)

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, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS) (together with linear and cyclic acetogenins)