

4414 (C15 acetogenin)

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

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

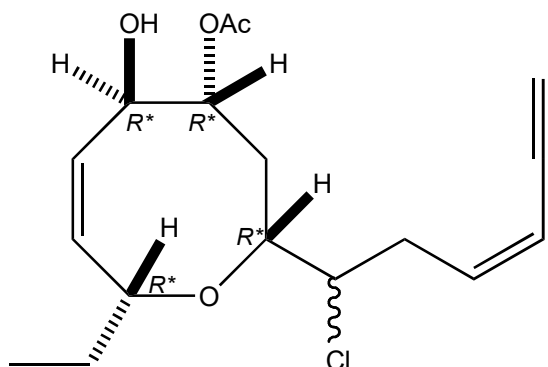
Origin: *Laurencia glandulifera* (Loutraki Bay, Crete Island, Greece)<sup>(1)</sup>;

Formula: C<sub>17</sub>H<sub>23</sub>ClO<sub>4</sub>

Mol. Wt.: 326.82

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> -24.0 (CHCl<sub>3</sub>)

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. C<sub>15</sub> acetogenins with antistaphylococcal activity from the red alga *Laurencia glandulifera*. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS)