

**4113** (C15 acetogenin)

Name: (3*E*)-12,13-Dihydrolaurediol diacetate

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

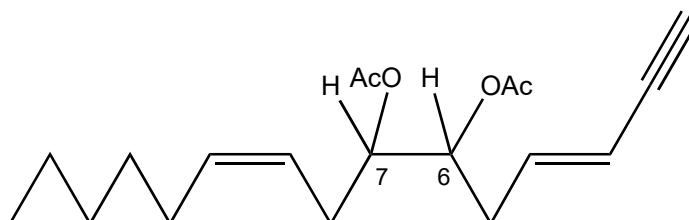
Origin: *Laurencia nipponica* (Pon-Oshoro, Oshoro, Otaru, Hokkaido, Japan)<sup>(1)</sup>;

Formula: C<sub>19</sub>H<sub>28</sub>O<sub>4</sub>

Mol. Wt.: 320.42

Opt. Rot.: [α]<sub>D</sub><sup>25</sup> -6.0 (CCl<sub>4</sub>)

Mp.: Oil



**51:49 mixture of (6*R*,7*R*)- and (6*S*,7*S*)-*threo* isomers**

**References and Notes**

(1) Fukuzawa, A., Honma, T., Takasugi, Y., and Murai, A. 1993. *Phytochemistry*, **32**, 1435-1438. Biogenetic intermediates, (3*E* and 3*Z*,12*Z*)-laurediols and (3*E* and 3*Z*)-12,13-dihydrolaurediols, isolated from *Laurencia nipponica*. (UV, IR, <sup>1</sup>H-NMR)