

4111 (C15 acetogenin)

Name: (3*E*,12*Z*)-Laurediol diacetate

{Acetic acid 2-acetoxy-1-pent-2-en-4-ynyl-
deca-4,7-dienyl ester}

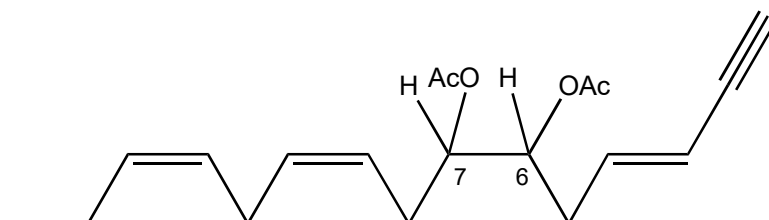
Origin: *Laurencia nipponica* (Pon-Oshoro, Oshoro, Otaru, Hokkaido, Japan)⁽¹⁾;

Formula: C₁₉H₂₆O₄

Mol. Wt.: 318.41

Opt. Rot.: [α]_D²⁵ -0.2 (CCl₄)

Mp.: Oil



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, ¹H-NMR)