

**4109** (C15 acetogenin)

Name: *trans*-Diacetyllaurediol

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

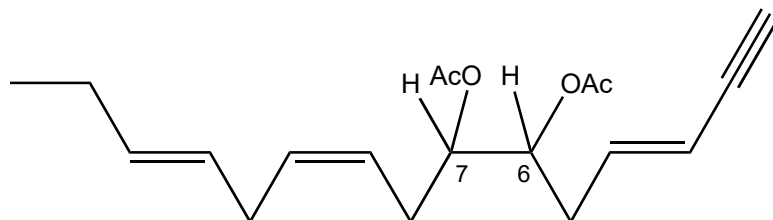
Origin: *Laurencia nipponica* (Hokkaido, Japan)<sup>(1)</sup>;

Formula: C<sub>19</sub>H<sub>26</sub>O<sub>4</sub>

Mol. Wt.: 318.41

Opt. Rot.: [α]<sub>D</sub> +14.7 (CCl<sub>4</sub>) (diacetyllaurediol mixture)

Mp.: Oil



a mixture of (6*R*,7*R*)- and (6*S*,7*S*)-*threo* isomers

**References and Notes**

(1) Kurosawa, E., Fukuzawa, A., and Irie, T. 1972. *Tetrahedron Lett.*, **13**, 2121-2124. *trans*- and *cis*-Laurediol, unsaturated glycols from *Laurencia nipponica* Yamada. (UV, IR, <sup>1</sup>H-NMR)