

## 2729 (Diterpene)

Name: Z-Dactylohydroperoxide A

{5-[3-(4-Hydroperoxy-4-methyl-pent-2-enyl)-1,3-dimethyl-7-oxa-bicyclo[2.2.1]hept-2-yl]-3-methyl-pent-1-en-3-ol}

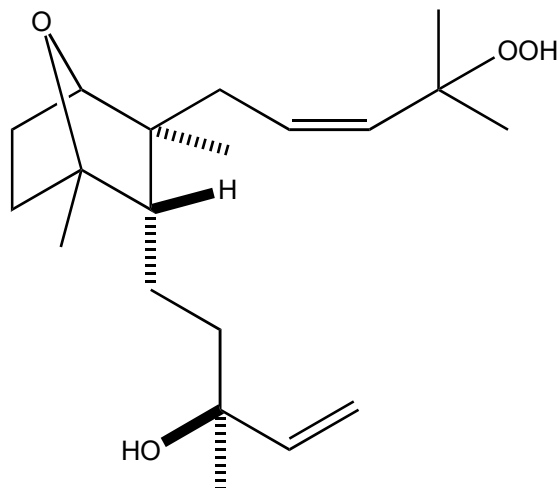
Origin: *Laurencia* sp. (Paraiso Floral, Tenerife, Canary Islands, Spain)<sup>(1)</sup>;

Formula: C<sub>20</sub>H<sub>34</sub>O<sub>4</sub>

Mol. Wt.: 338.48

Opt. Rot.: [α]<sub>D</sub><sup>25</sup> -70.0 (CHCl<sub>3</sub>)

Mp.: Amorphous solid



### References and Notes

(1) Fernandez, J. J., Souto, M. L., Gil, L. V., and Norte, M. 2005. Tetrahedron, **61**, 8910-8915. Isolation of naturally occurring dactylomelane metabolites as *Laurencia* constituents. (IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS) (together with several dactylomelane diterpenes)