

2728 (Diterpene)

Name: *E*-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}

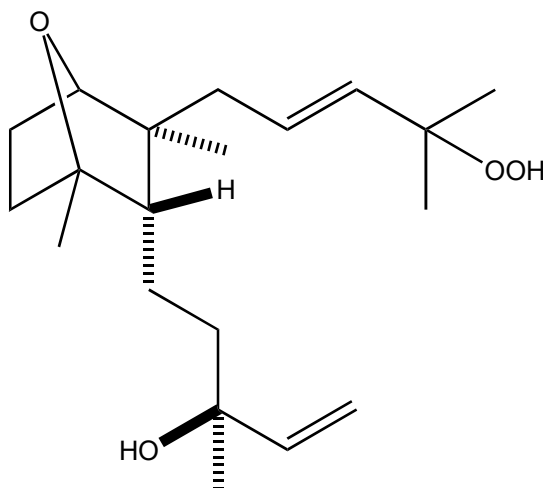
Origin: *Laurencia* sp. (Paraiso Floral, Tenerife, Canary Islands, Spain)⁽¹⁾;

Formula: C₂₀H₃₄O₄

Mol. Wt.: 338.48

Opt. Rot.: [α]_D²⁵ +1.3 (CHCl₃)

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, ¹H-NMR, ¹³C-NMR, MS) (together with several dactylomelane diterpenes)