

2732 (Diterpene)

Name: Dactylohydroperoxide C

{4-Hydroperoxy-1-[3-(3-hydroxy-3-methyl-pent-4-enyl)-2,4-dimethyl-7-oxa-bicyclo[2.2.1]hept-2-yl]-4-methyl-pentan-3-one}

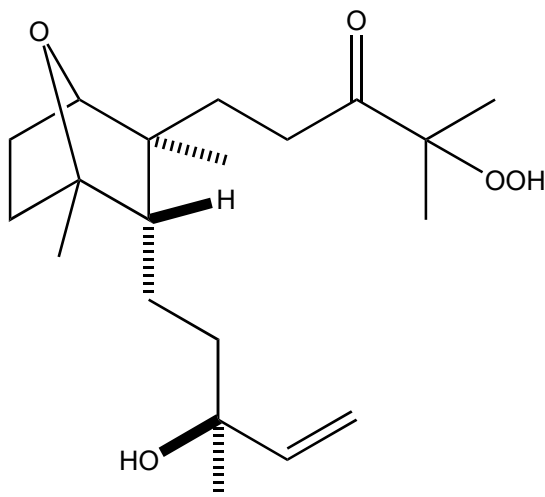
Origin: *Laurencia* sp. (Paraiso Floral, Tenerife, Canary Islands, Spain)⁽¹⁾;

Formula: C₂₀H₃₄O₅

Mol. Wt.: 354.48

Opt. Rot.: $[\alpha]_D^{25} +6.1$ (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)