

3146 (Triterpene)

Name: Alfredensinol C {6-(1-Hydroxy-1-methyl-ethyl)-2-{3-[6-(5-isopropenyl-2-methyl-tetrahydro-furan-2-yl)-8a-methyl-octahydro-pyrano[3,2-b]pyran-2-yl]-but-2-enyl}-3-methyl-tetrahydro-pyran-3-ol}

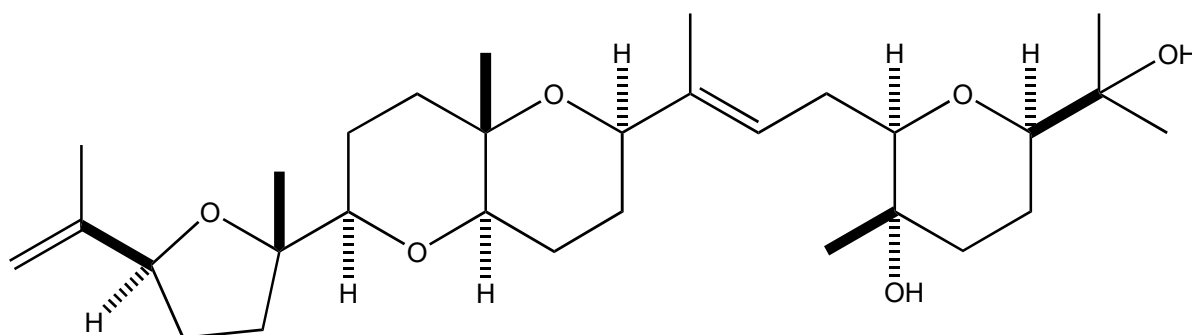
Origin: *Laurencia alfredensis* (Three Sisters, north of Port Alfred in the Eastern Cape Province, the Republic of South Africa)⁽¹⁾;

Formula: C₃₀H₅₀O₆

Mol. Wt.: 506.71

Opt. Rot.:

Mp.: White amorphous solid



References and Notes

(1) Dziwornu, G. A., Caira, M. R., de la Mare, J.-A., Edkins, A. L., Bolton, J. J., Beukes, D. R., and Sunasse, S. N. 2017. *Molecules*, **22**, 513. Isolation, characterization and antiproliferative activity of new metabolites from the South African endemic red algal species *Laurencia alfredensis*.

(¹H-NMR, ¹³C-NMR) (together with 3 new labdane diterpenes, 4 new triterpenes, 3 new ecdysteroids, 1 known glycerol derivative)