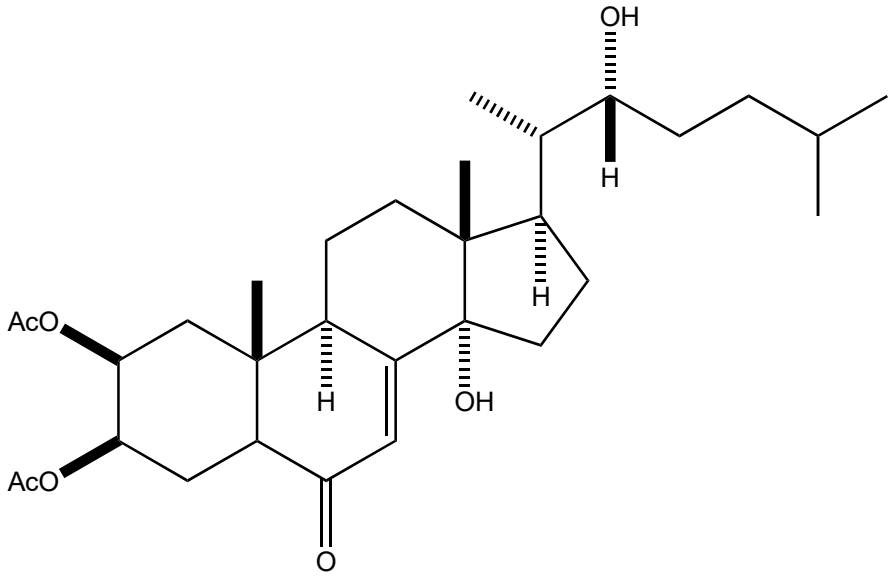
6108 (Sterol)

Name: 14-α-Hydroxyalfredensterol
Origin: *Laurencia alfredensis* (Three Sisters, north of Port Alfred in the Eastern Cape Province, the Republic of South Africa)[(1)];

Formula: $C_{31}H_{48}O_7$
Mol. Wt.: 532.71
Opt. Rot.: $[\alpha]_D^{20}$ +25.8 ($CHCl_3$)
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*.
(**UV, IR, ^{1}H-NMR, ^{13}C-NMR**) (together with 3 new labdane diterpenes, 4 new triterpenes, 3 new ecdysteroids, 1 known glycerol derivative)