

6109 (Sterol)

Name: 3-Deacetylalfredensterol

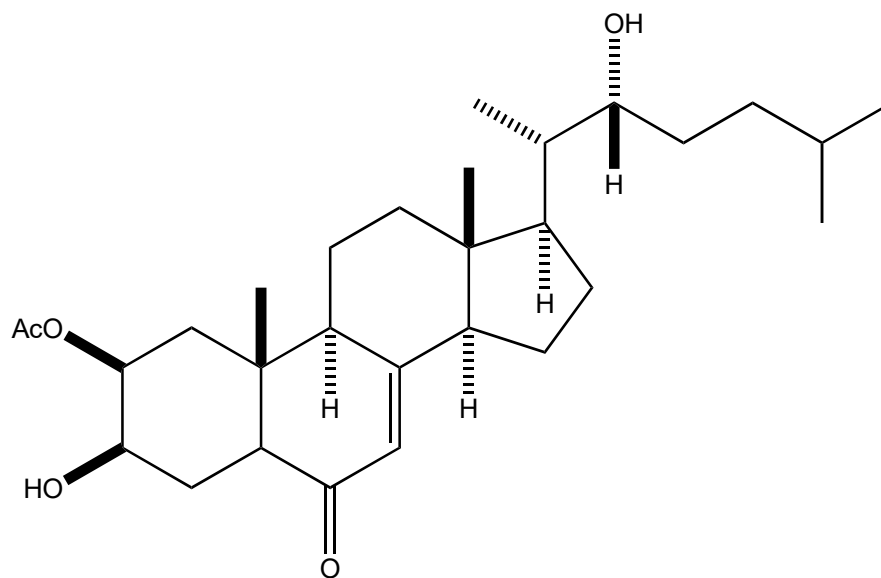
Origin: *Laurencia alfredensis* (Three Sisters, north of Port Alfred in the Eastern Cape Province, the Republic of South Africa)⁽¹⁾;

Formula: C₂₉H₄₆O₅

Mol. Wt.: 474.67

Opt. Rot.: [α]_D²⁰ +24.0 (CHCl₃)

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