

## 6107 (Sterol)

Name: Alfredensterol

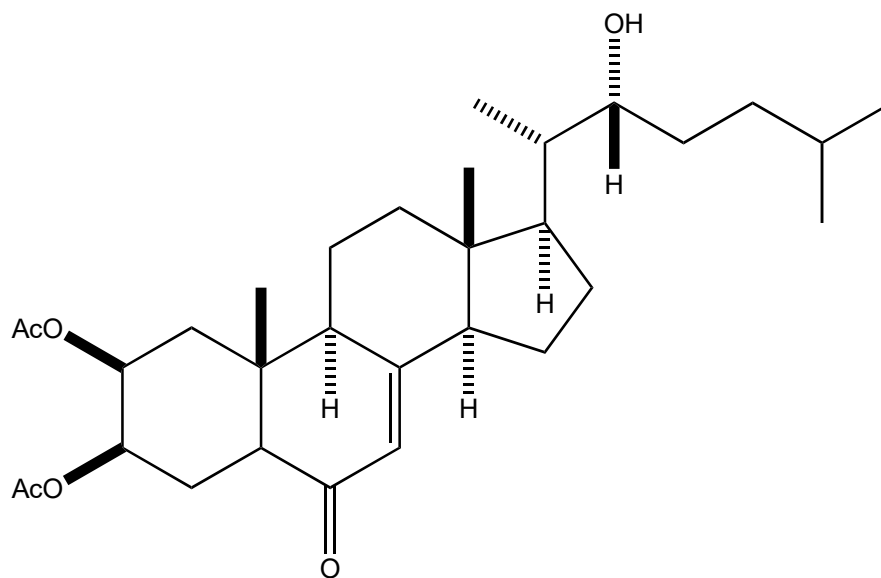
Origin: *Laurencia alfredensis* (Three Sisters, north of Port Alfred in the Eastern Cape Province, the Republic of South Africa)<sup>(1)</sup>;

Formula: C<sub>31</sub>H<sub>48</sub>O<sub>6</sub>

Mol. Wt.: 516.71

Opt. Rot.: [ $\alpha$ ]<sub>D</sub><sup>20</sup> +22.0 (CHCl<sub>3</sub>)

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