

### 3145 (Triterpene)

Name: Alfredensinol B {2-(5-{6-[5'-(1-Hydroxy-1-methyl-ethyl)-5,2'-dimethyl-octahydro-[2,2']bifuranyl-5-yl]-4a-methyl-octahydro-pyrano[3,2-b]pyran-2-yl}-5-methyl-tetrahydro-furan-2-yl)-propenol}

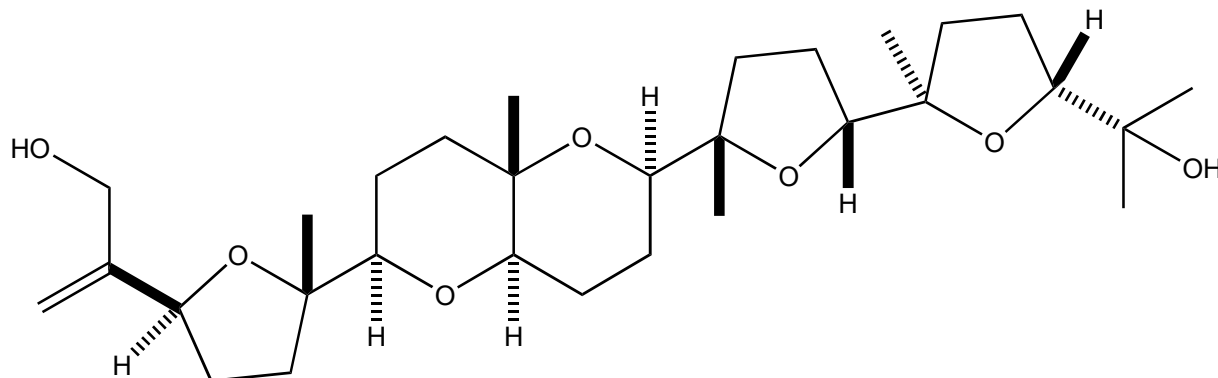
Origin: *Laurencia alfredensis* (Three Sisters, north of Port Alfred in the Eastern Cape Province, the Republic of South Africa)<sup>(1)</sup>;

Formula: C<sub>30</sub>H<sub>50</sub>O<sub>7</sub>

Mol. Wt.: 522.71

Opt. Rot.:

Mp.: Oil



#### 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*.

(<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)