

2121 (Diterpene)

Name: 13-Acetyl pinnatol A⁽¹⁾; 13-Acetoxy pinnatol A

{Acetic acid 1-[2-(6-bromo-2-hydroxy-2,5,5,8a-tetramethyl-decahydro-naphthalen-1-yl)-ethyl]-1-methyl-allyl ester}

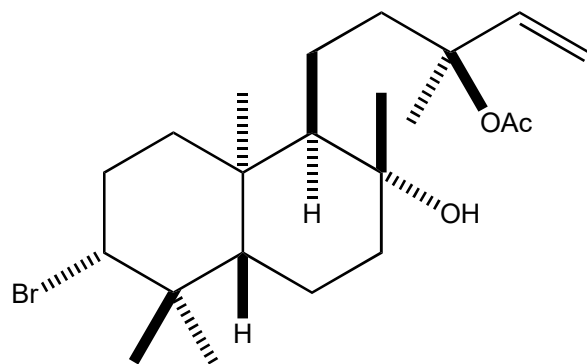
Origin: *Laurencia alfredensis* (Three Sisters, north of Port Alfred in the Eastern Cape Province, the Republic of South Africa)⁽¹⁾;

Formula: C₂₂H₃₇BrO₃

Mol. Wt.: 429.43

Opt. Rot.: [α]_D²⁰ +26.6 (CHCl₃)

Mp.: 115-117



References and Notes

(1) Dziwornu, G. A., Cairns, 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*.

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