

3134 (Triterpene)

Name: Iubol

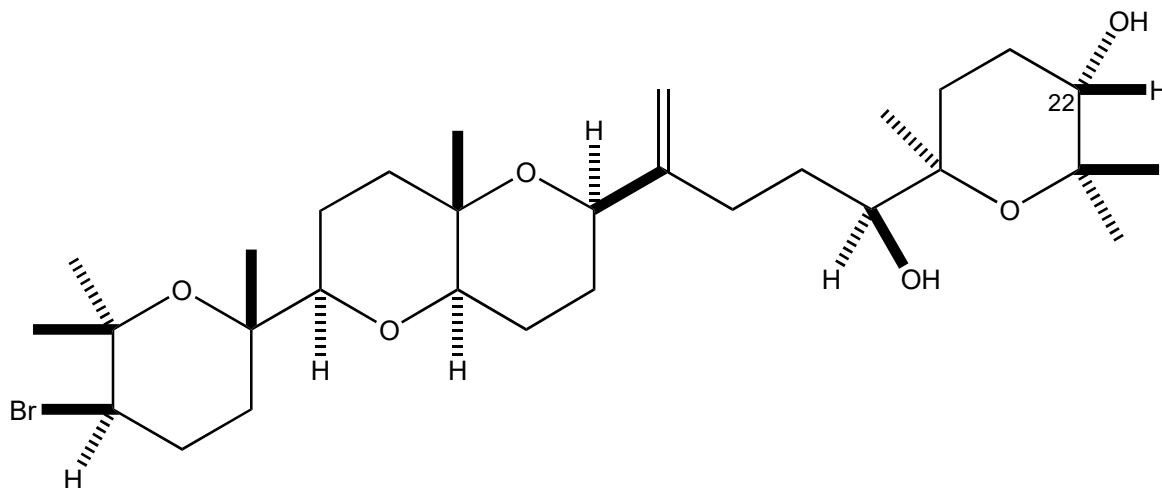
Origin: *Laurencia viridis* (Callao Salvaje, Paraiso Floral, Adeje, Tenerife, Canary Islands, Spain)⁽¹⁾;

Formula: C₃₀H₅₁BrO₆

Mol. Wt.: 587.63

Opt. Rot.: [α]_D²⁵ +14.8 (CHCl₃)⁽¹⁾; [α]_D²⁷ +5.3 (CHCl₃)⁽²⁾

Mp.: Amorphous solid



References and Notes

(1) Cen-Pacheco, F., Villa-Pulgarin, J. A., Mollinedo, F., Norte, M., Fernandez, J. J., and Daranas, A. H. 2011. Mar. Drugs, **9**, 2220-2235. New polyether triterpenoids from *Laurencia viridis* and biological evaluation. (IR, ¹H-NMR, ¹³C-NMR, MS) (together with several polyether triterpenes)

(2) **Revision of the stereochemistry at C22**; Nishikawa, K., Taki, N., Nishikibe, K., Kumagai, M., and Morimoto, Y. 2022. Chem. Lett., **51**, 1000-1003. Total synthesis, revised structure, and cytotoxic activities of iubol.