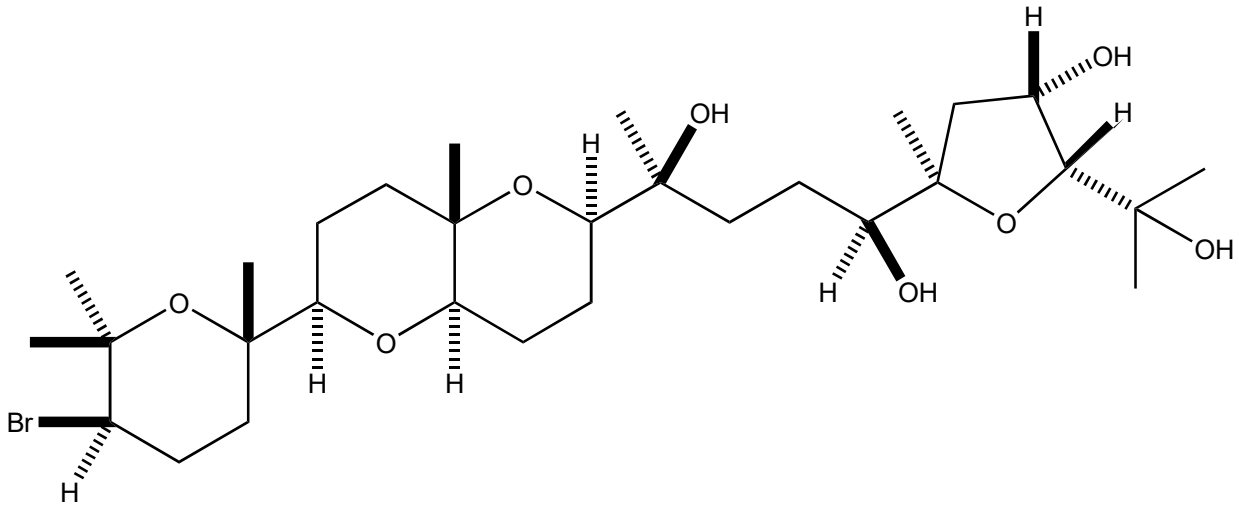
3153 (Triterpene)

Name: Aplysiol A[2] = (21α)-21-Hydroxythyrsiferol[1]
Origin: *Laurencia mariannensis* (the coast of Hainan and Weizhou Islands, China)[1];
Aplysia dactylomela (the coast of Hainan Island, South China Sea, China)[2];
Formula: $C_{30}H_{53}BrO_8$
Mol. Wt.: 621.64
Opt. Rot.: $[\alpha]_D$ +2.0 ($CHCl_3$)[2]; $[\alpha]_D^{18}$ +4.0 ($CHCl_3$)[1]
Mp.: Oil[2]; 185-186[1]



References and Notes

(1) Ji, N.-Y., Li, X.-M., Xie, H., Ding, J., Li, K., Ding, L.-P., and Wang, B.-G. 2008. Helv. Chim. Acta, **91**, 1940-1946. Highly oxygenated triterpenoids from the marine red alga *Laurencia mariannensis* (Rhodomelaceae). (**IR, ^{1}H-NMR**, **^{13}C-NMR, MS**)
(together with laurenmariannol, (21α)-21-hydroxythyrsiferol, thyrsiferol)
(2) Manzo, E., Gavagnin, M., Bifulco, G., Cimino, P., Micco, S. D., Ciavatta, M. L., Guo, Y. W., and Cimino, G. 2007. Tetrahedron, **63**, 9970-9978. Aplysiols A and B, squqlene-derived polyethers from the mantle of the sea hare *Aplysia dactylomela.* (**^{1}H-NMR**, **^{13}C-NMR**) (together with aplysiol A, aplysiol B, thyrsiferol, venustatriol)