

2703# (Diterpene)

Name: 11,14-Dihydroaplysia-5,11,14,15-tetrol

{6-(5-Bromo-8a-hydroxy-4a-methyl-8-methylene-decahydro-naphthalen-2-yl)-
2-methyl-hept-4-ene-2,3,6-triol}

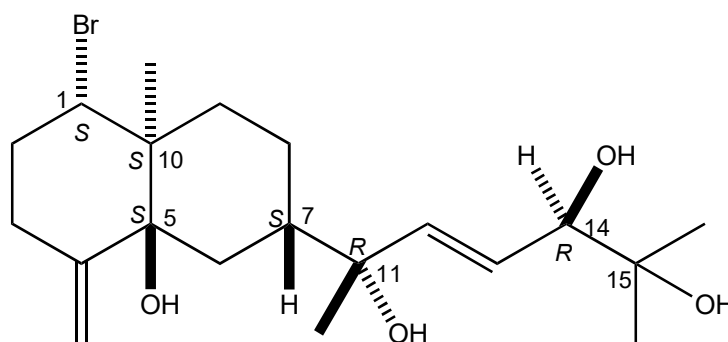
Origin: *Laurencia papillosa* (?) (Ras Abu-Bakr, 65 km north of Ras Gharib on the Suez-Gulf,
Red Sea, Egypt)⁽¹⁾;

Formula: C₂₀H₃₃BrO₄

Mol. Wt.: 417.38

Opt. Rot.: [α]_D²⁰ -31.9 (MeOH)

Mp.: Oil



References and Notes

- (1) Shaaban, M., Abou-El-Wafa, G. S. E., Golz, C., and Laatsch. 2021. Mar. Drugs, **19**, (No. 1) 35. New haloterpenes from the marine red alga *Laurencia papillosa*: Structure elucidation and biological activity. (IR, ¹H-NMR, ¹³C-NMR)
(together aplysiolic acid, 7-acetyl-aplysiol, aplysiol-7-one, 11,14-dihydroaplysia-5,11,14,15-tetrol, epi-11,14-dihydroaplysia-5,11,14,15-tetrol, 5-epi-maneolactone, known thysiferol, 10-hydroxykahukuene B, etcetera)