

1826 (Sesquiterpene)

Name: Aplysiolic acid

{5-Bromo-8a-hydroxy-4a-methyl-8-methylene-decahydro-naphthalene-2-carboxylic acid}

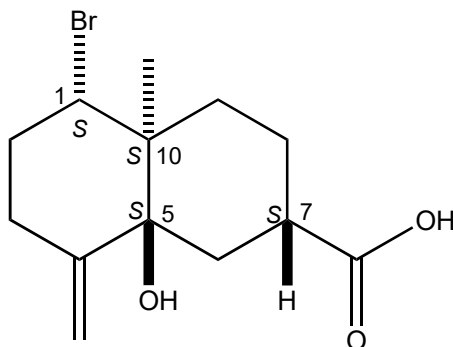
Origin: *Laurencia papillosa* (?) (Ras Abu-Bakr, 65 km north of Ras Gharib on the Suez-Gulf, Red Sea, Egypt)⁽¹⁾;

Formula: C₁₃H₁₉BrO₃

Mol. Wt.: 303.19

Opt. Rot.: [α]_D²⁰ -34.8 (MeOH)

Mp.: Colorless solid



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. (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 thyriferol, 10-hydroxykahukuene B, etcetera)