

## 1828 (Sesquiterpene)

Name: Aplysiol-7-one

{5-Bromo-8a-hydroxy-4a-methyl-8-methylene-  
octahydro-naphthalen-2-one}

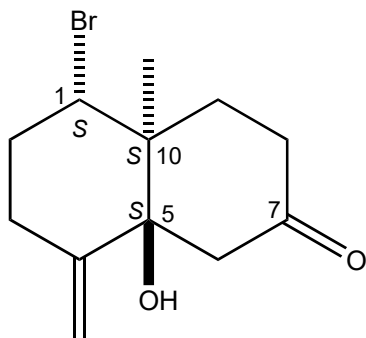
Origin: *Laurencia papillosa* (?) (Ras Abu-Bakr, 65 km north of Ras Gharib on the Suez-Gulf,  
Red Sea, Egypt)<sup>(1)</sup>;

Formula: C<sub>12</sub>H<sub>17</sub>BrO<sub>2</sub>

Mol. Wt.: 283.17

Opt. Rot.:

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. (<sup>1</sup>H-NMR, <sup>13</sup>C-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)