

1613# (Sesquiterpene)

Name: Epiaplysinol

{5-Bromo-1,3a,6-trimethyl-1,2,3,3a-tetrahydro-8-oxa-cyclopenta[*a*]inden-8a-yl)-methanol}

Origin: *Laurencia tristicha* (Naozhou Island, Zhanjiang City, China)<sup>(1)</sup>;

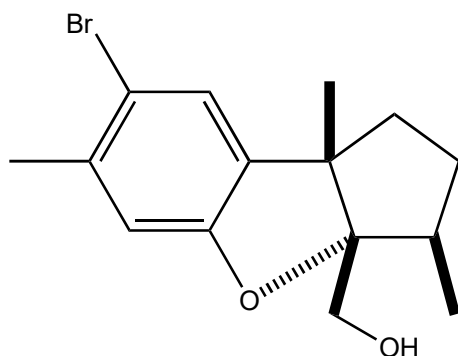
*Laurencia tristicha* (Pingyu Island of the South China Sea, China)<sup>(2)</sup>;

Formula: C<sub>15</sub>H<sub>19</sub>BrO<sub>2</sub>

Mol. Wt.: 311.21

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> -66.4 (MeOH)

Mp.: 172-174 (from MeOH)



**References and Notes**

(1) Sun, J., Shi, D.-Y., Li, S., Wang, S.-J., Han, L.-J., Fan, X., Yang, Y.-C., and Shi, J.-G. 2007. *J. Asian Nat. Prod. Res.*, **9**, 725-734. Chemical constituents of the red alga *Laurencia tristicha*.

(**IR**, **<sup>1</sup>H-NMR**, **<sup>13</sup>C-NMR**, **MS**) (together with 10-hydroxyepiaplysin, 10-hydroxyaplysin, 10-hydroxy-debromoepiaplysin, aplysin-9-ene, [epiaplysinol](#), debromoepiaplysinol, aplysinol, aplysin, several compounds)

(2) Zhang, J., Shi, L.-Y., Ding, L.-P., Liang, H., Tu, P.-F., and Zhang, Q.-Y. 2021. *Nat. Prod. Res.*, **35**, 5048-5054. Antioxidant terpenoids the red alga *Laurencia tristicha*.

(together with 10-hydroxyepiaplysinol, [epiaplysinol](#), *ar*-bisabol-9-en-7,11-diol, loliolide)