

## 4743 (C15 acetogenin)

Name: Thuwalallene A

{6-Bromo-3-(3-bromo-propa-1,2-dienyl)-7-ethyl-decahydro-1,4,8-trioxa-benzo[*a*]cyclopropa[*d*]cyclooctene}

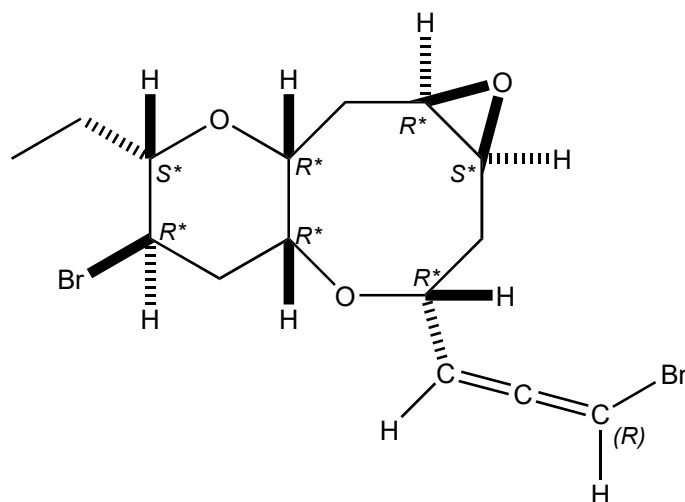
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)<sup>(1)</sup>;

Formula: C<sub>15</sub>H<sub>20</sub>Br<sub>2</sub>O<sub>3</sub>

Mol. Wt.: 408.13

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> -158 (CHCl<sub>3</sub>)

Mp.: Oil



### References and Notes

(1) Koutsaviti, A., Daskalaki, M. G., Agusti, S., Kampranis, S. C., Tsatsanis, C., Duarte, C. M., Roussis, V., and Ioannou, E. 2019. *Mar. Drugs*, 17(11), 644. Thuwalallenes A-E and Thuwalenynes A-C: New C<sub>15</sub> acetogenins with anti-inflammatory activity from a Saudi Arabian Red Sea *Laurencia* sp.

(UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR) (together with [thuwalallene A](#), thuwalallenes B-E, thuwalenynes A-C, *cis*-maneonene D, thyriferol, thyriferol 23-acetate)