

## 4747 (C15 acetogenin)

Name: Thuwalallene E

{5-(3-Bromo-propa-1,2-dienyl)-2-(1-bromo-propyl)-  
3,3a,5,6,9,9a-hexahydro-2*H*-furo[3,2-*b*]oxocine}

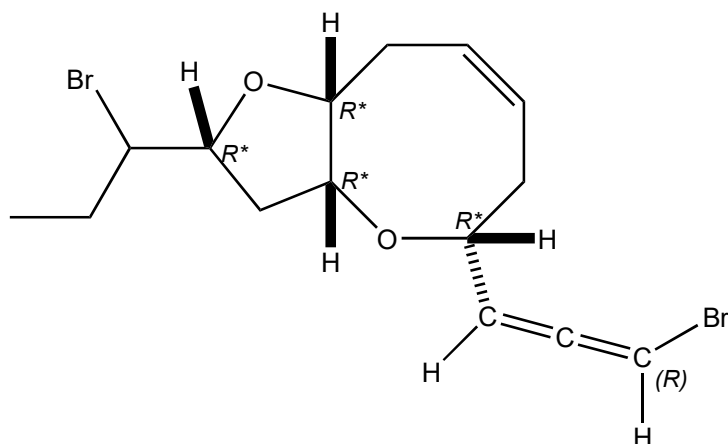
Origin: *Laurencia* sp. (the village of Thuwal in the Red Sea waters, Saudi Arabia)<sup>(1)</sup>;

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

Mol. Wt.: 392.13

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> -38 (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 thuwalallenes A-D, [thuwalallene E](#), thuwalenynes A-C, *cis*-maneonene D, thyransferol, thyransferyl 23-acetate)