

4446 (C15 acetogenin)

Name: Laurencienyne B {Acetic acid 2-(1-bromo-propyl)-5,7-dichloro-8-pent-2-en-4-ynyl-oxocan-4-yl ester}

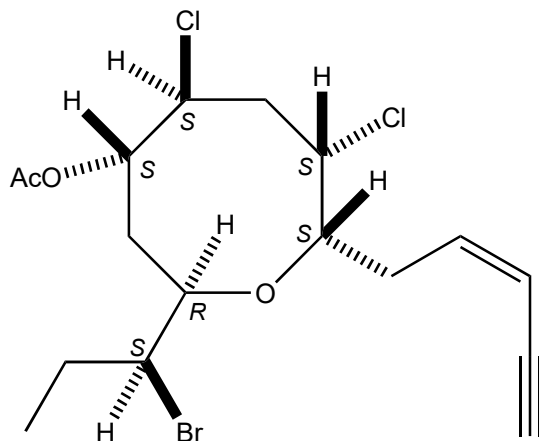
Origin: *Laurencia obtusa* (Preveza, Ionean Sea, Greece)<sup>(1)</sup>;

Formula: C<sub>17</sub>H<sub>23</sub>BrCl<sub>2</sub>O<sub>3</sub>

Mol. Wt.: 426.17

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> +16.25 (CH<sub>2</sub>Cl<sub>2</sub>)

Mp.: Oil



References and Notes

(1) Mihopoulos, N., Vagias, C., Scoullou, M., and Roussis, V. 1999. Nat. Prod. Lett., **13**, 151-156.

Laurencienyne B, a new acetylenic cyclic ether from the red alga *Laurencia obtusa*.

(UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR) (together with laurencienyne, laurencienyne B, tetrabromo oxixane-oxolane acetylene, epibrasilenol, brasilenol derivative)