

## 4718 (C15 acetogenin)

Name: (-)-4-Acetoxyamarilzallene {Acetic acid 4-bromo-1-(3-chloro-8-propenyl-3,4,7,8-tetrahydro-2*H*-oxocin-2-ylmethyl)-buta-2,3-dienyl ester}

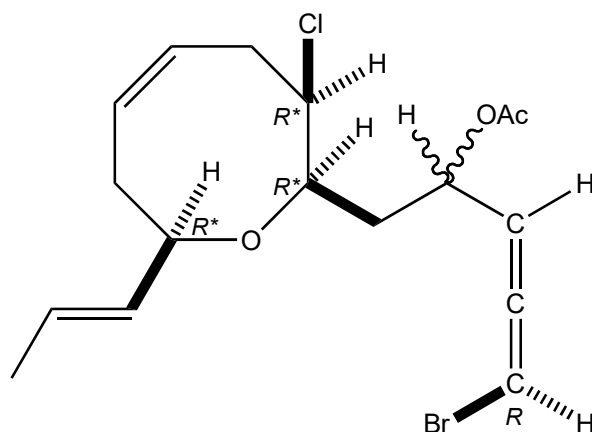
Origin: *Laurencia marilzae* (Paraiso Floral, Tenerife, Canary Islands, Spain)<sup>(1)</sup>;

Formula: C<sub>17</sub>H<sub>22</sub>BrClO<sub>3</sub>

Mol. Wt.: 389.71

Opt. Rot.: [α]<sub>D</sub><sup>25</sup> -58 (CHCl<sub>3</sub>)

Mp.: Amorphous



### References and Notes

(1) Gutierrez-Cepeda, A., Fernandez, J. J., Gil, L. V., Lopez-Rodriguez, M., Norte, M., and Souto, M. L. 2011. *J. Nat. Prod.*, **74**, 441-448. Nonterpenoid C<sub>15</sub> acetogenins from *Laurencia marilzae*.

(UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR) (together with 12-obtusallene IV, obtusallene X, amarilzallene, (+)-4-acetoxyamarilzallene, (-)-4-acetoxyamarilzallene, Z-adrienyne, E-adrienyne, a epoxydodecane deriv.)