

4716 (C15 acetogenin)

Name: Marilzallene {5-Bromo-1-(3-chloro-8-propenyl-3,4,7,8-tetrahydro-2*H*-oxocin-2-yl)-penta-3,4-dien-2-ol}

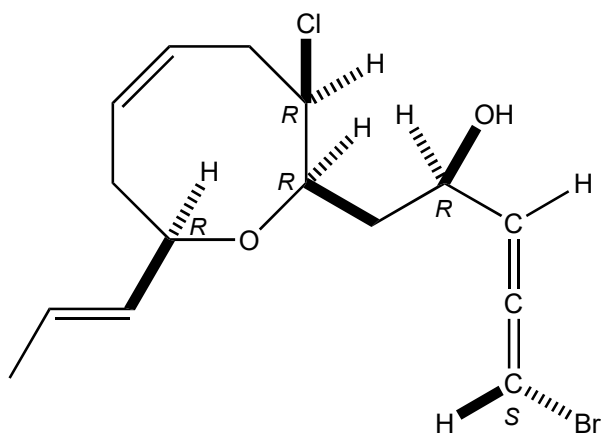
Origin: *Laurencia marilzae* (Paraiso Floral, Tenerife, Canary Islands, Spain)⁽¹⁾;

Formula: C₁₅H₂₀BrClO₂

Mol. Wt.: 347.68

Opt. Rot.: [α]_D²⁵ +77 (CHCl₃)

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 C₁₅ acetogenins from *Laurencia marilzae*.

(UV, IR, ¹H-NMR, ¹³C-NMR) (together with 12-obtusallene IV, obtusallene X, marilzallene, (+)-4-acetoxymarilzallene, (-)-4-acetoxymarilzallene, Z-adrienyne, E-adrienyne, a epoxydodecane deriv.)