

4476 (C15 acetogenin)

Name: (3*S*,4*R*)-Epoxy-pinnatifidenyne

{8-(1-Bromo-propyl)-3-chloro-2-(3-ethynyl-oxiranylmethyl)-
3,4,7,8-tetrahydro-2*H*-oxocine}

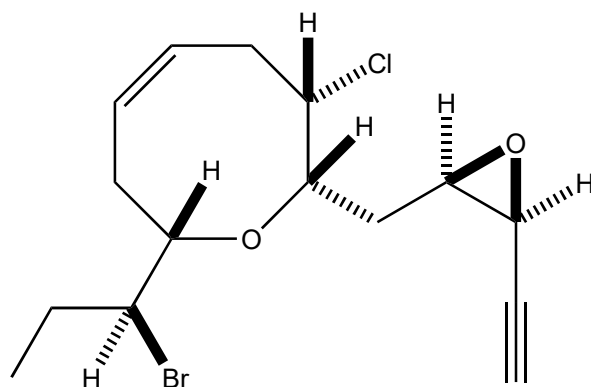
Origin: *Laurencia viridis* (Callao Salvaje, Tenerife, Canary Islands, Spain)⁽¹⁾;

Formula: C₁₅H₂₀BrClO₂

Mol. Wt.: 347.68

Opt. Rot.: [α]_D²⁵ +30 (CHCl₃)

Mp.: Yellow amorphous solid



References and Notes

(1) Morales-Amador, A., de Vera, C. R., Marquez-Fernandez, O., Daranas, A. H., Padron, J. M., Fernandez, J. J., Sout, M. L., and Norte, M. 2018. *Mar. Drugs*, **16**, 5. Pinnatifidenyne-derived ethynyl oxirane acetogenins from *Laurencia viridis*. (IR, ¹H-NMR, ¹³C-NMR) (together with 3 epoxy-pinnatifidenynes, pinnatifidehyde)