

4311 (C15 acetogenin)

Name: Tribromo oxane-oxolane acetylene

{5-(1-Bromo-prop-2-ynyl)-2-(3,5-dibromo-6-ethyl-tetrahydro-pyran-2-ylmethyl)-tetrahydro-furan-3-ol}

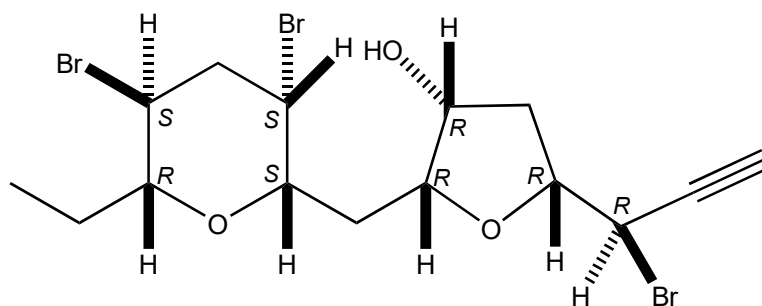
Origin: *Laurencia obtusa* (La Graciosa, Canary Islands, Spain)⁽¹⁾;

Formula: C₁₅H₂₁Br₃O₃

Mol. Wt.: 489.04

Opt. Rot.: [α]_D²⁵ -4.1 (CHCl₃)

Mp.: Oil



References and Notes

(1) Norte, M., Fernandez, J. J., and Ruano, J. Z. 1989. *Tetrahedron*, **45**, 5987-5994. Three new bromo ethers from the red alga *Laurencia obtusa*. (IR, ¹H-NMR, ¹³C-NMR, MS)