

4406 (C15 acetogenin)

Name: Poiteol

{1-(6-Bromo-5-ethyl-4,9-dioxabicyclo[6.1.0]non-3-yl)-
2-chloro-hex-3-en-5-yn-1-ol}

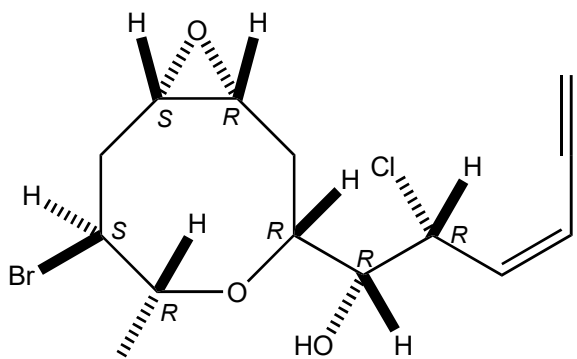
Origin: *Laurencia poitei* (Harry Harris State Park, Florida, USA)⁽¹⁾;

Formula: C₁₅H₂₀BrClO₃

Mol. Wt.: 363.67

Opt. Rot.: [α]_D²⁰ +116.7 (CHCl₃)

Mp.: 151-154



References and Notes

(1) Howard, B. M., Schulte, G. R., and Fenical, W. 1980. *Tetrahedron*, **36**, 1747-1751. Three new vinyl acetylenes from the marine red alga *Laurencia*.

(X-ray crystallographic analysis) (IR, ¹H-NMR, ¹³C-NMR)