

4449 (C15 acetogenin)

Name: (3*E*)-9-Chloro-13-bromo-6,12-epoxy-7,10-diacetoxypentadec-3-en-1-yne
{Acetic acid 7-acetoxy-2-(1-bromo-propyl)-5-chloro-8-pent-2-en-4-ynyl-oxocan-4-yl ester}

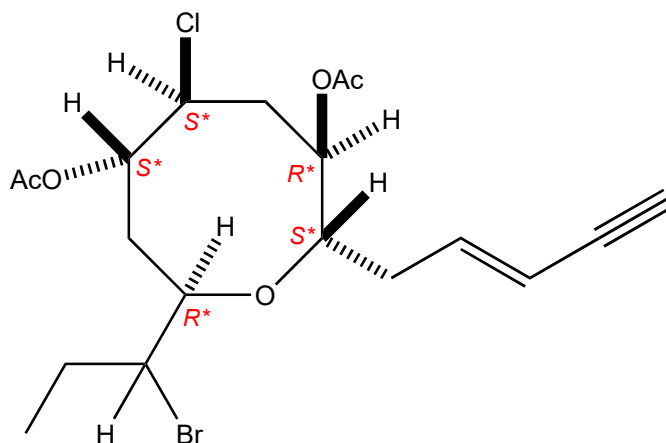
Origin: *Laurencia obtusa* (Symi Island, Aegean Sea, Greece)⁽¹⁾;

Formula: C₁₉H₂₆BrClO₅

Mol. Wt.: 449.76

Opt. Rot.: [α]_D²⁰ +11.87 (CHCl₃)

Mp.: Oil



References and Notes

(1) Iliopoulou, D., Vagias, C., Harvala, C., and Roussis, V. 2002. *Phytochemistry*, **59**, 111-116.

C₁₅ Acetogenins from the red alga *Laurencia obtusa*. (UV, IR, ¹H-NMR, ¹³C-NMR, MS)

(together with (3*Z*)-13-epilaurencienyne, (3*E*)-13-epipinnatifidenyne, (3*E*)- and (3*Z*)-9-chloro-13-bromo-6,12-epoxy-7,10-diacetoxypentadec-3-en-1-yne, (3*E*)-13-epilaurencienyne)