

4474 (C15 acetogenin)

Name: (3*E*)-13-Epilaurencienyne {Acetic acid 2-(1-bromo-propyl)-5,7-dichloro-8-pent-2-en-4-ynyl-oxocan-4-yl ester}

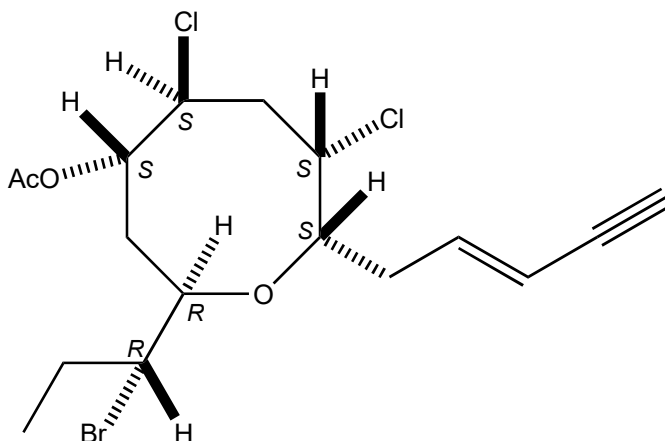
Origin: *Laurencia obtusa* (Assos near Canakkale, Aegean coast, Turkey)⁽¹⁾;
Laurencia obtusa (Symi Island, Aegean Sea, Greece)⁽²⁾;

Formula: C₁₇H₂₃BrCl₂O₃

Mol. Wt.: 426.17

Opt. Rot.: [α]_D²⁵ +43.65 (CHCl₃)

Mp.: Oil



References and Notes

(1) Imre, S. and Aydogmus, Z. 1997. Pharmazie, **52**, 883-885. Secondary metabolites from the red alga *Laurencia obtusa*. (IR, ¹H-NMR, ¹³C-NMR, MS)

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

C₁₅ Acetogenins from the red alga *Laurencia obtusa*. (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)