4448 (C15 acetogenin)

Name:(3*Z*)-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}

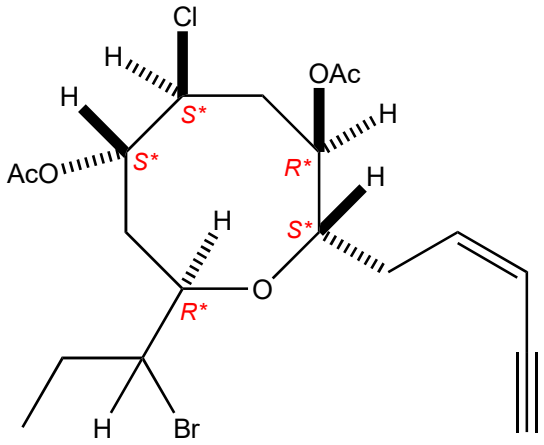
Origin: *Laurencia obtusa* (Symi Island, Aegean Sea, Greece)[(1)];

Formula: $C_{19}H_{26}BrClO_5$

Mol. Wt.: 449.76

Opt. Rot.: $[\alpha]_D^{20}$ +48 ($CHCl_3$)

Mp.: Oil



References and Notes

(1) Iliopoulou, D., Vagias, C., Harvala, C., and Roussis, V. 2002. Phytochemistry, **59**, 111-116. C_{15} Acetogenins from the red alag *Laurencia obtusa*. (**UV, IR, ^{1}H-NMR, ^{13}C-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)