

2745 (Diterpene)

Name: Dactyloditerpenol acetate {Acetic acid 2-hydroxy-1-[3-(2-hydroxy-4-methyl-cyclohex-3-enyl)-butyl]-2,6-dimethyl-hept-5-enyl ester}

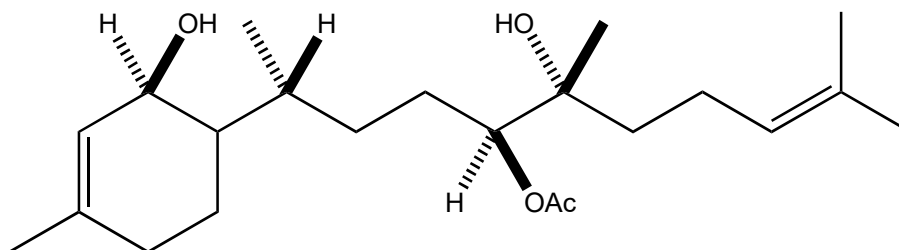
Origin: *Aplysia dactylomela* (Mona Island, Puerto Rico)⁽¹⁾;

Formula: C₂₂H₃₈O₄

Mol. Wt.: 366.53

Opt. Rot.: [α]_D²⁰ +7.0 (CHCl₃)

Mp.: Oil



References and Notes

(1) Jimenez-Romero, C., Mayer, A. M. S., and Rodriguez, A. D. 2014. *Bioorg. Med. Chem. Lett.*, **24**, 344-348. Dactyloditerpenol acetate, a new prenylbisabolane-type diterpene from *Aplysia dactylomela* with significant in vitro *anti*-neuroinflammatory activity. (IR, ¹H-NMR, ¹³C-NMR)