

2219 (Diterpene)

Name: 12-Hydroxypinnaterpene C

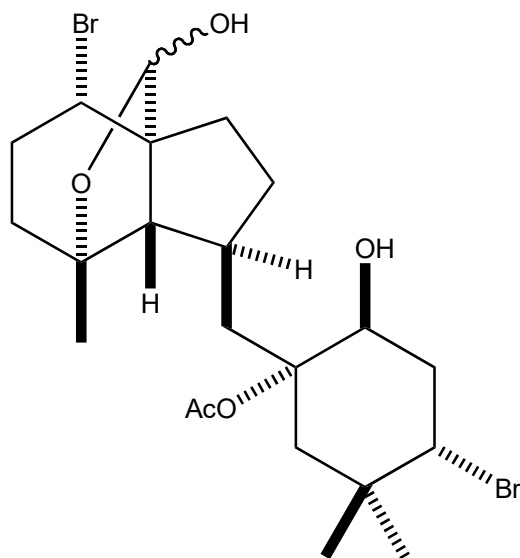
Origin: *Aplysia argus* (the east coast of Ikei Island, Uruma, Okinawa, Japan)⁽¹⁾;

Formula: C₂₂H₃₄Br₂O₅

Mol. Wt.: 538.31

Opt. Rot.: $[\alpha]_D^{27} +32$ (CHCl₃)

Mp.: Colorless amorphous solid



References and Notes

- (1) Nagasaka, M., Isa, H., Tahara, A., Fukada, R., Kamada, T., and Ishii, T. 2023. Chem. Biodiversity, **20**, (8) e202300791. Diversity of halogenated secondary metabolites in Okinawan *Aplysia argus* including 12-hydroxypinnaterpene C and their feeding target. (IR, ¹H-NMR, ¹³C-NMR) (together with 12-hydroxypinnaterpene C, angasiol acetate, angasiol, 11-deacetylpinnaterpene C, palisadin A, 12-acetoxypalisadin B, 12-hydroxypalisadin B, aplysisstatin, luzodiol, 5-acetoxy-2-bromo-3-chlorochamigra-7(14),9-dien-8-one, neoirietriol, neoirietetraol, (3Z)-laurenyne, cupalaurenol, cupalaurenol acetate, (3Z)-venustinene, 10-hydroxykahukuene B, aplysiol B, (3Z)-13-epipinnatifidenyne, (3Z)-(6R,7R,12S,13S)-obtusenyne, (3Z,9Z)-7-chloro-6-hydroxy-12-oxo-pentadeca-3,9-dien-1-yne, cholest-7-en-3,5,7-triol)