2505 (Diterpene)

Name: Deacetylisoparguerol {6-(1-Bromo-2-hydroxy-ethyl)-6,8b-dimethyl-1,2b,3,4,4a,5,6,7,8b,9,10,10a-dodecahydro-2*H*-cyclobuta[*a*]phenanthrene-2a,4,10-triol}

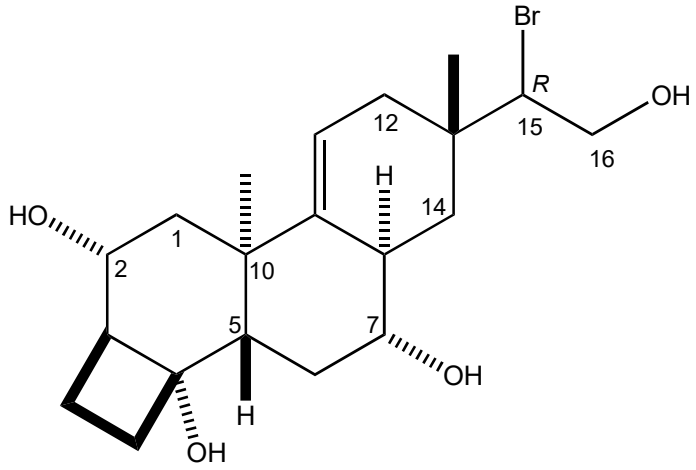
Origin: *Laurencia saitoi* (as *L. obtusa*) (Teuri Island, Hokkaido, Japan)[1,2];

Formula: $C_{20}H_{31}BrO_4$

Mol. Wt.: 415.36

Opt. Rot.: $[\alpha]_D$ +5.0 (MeOH)

Mp.: Glassy solid



References and Notes

(1) Takeda, S., Kurosawa, E., Komiyama, K., and Suzuki, T. 1990. Bull. Chem. Soc. Jpn., **63**, 3066-3072. The structures of cytotoxic diterpenes containing bromine from the marine red alga *Laurencia obtusa* (Hudson) Lamouroux. (**IR, ^{1}H-NMR, ^{13}C-NMR, MS**)
(together with new and known parguerane-, deoxyparguerane-, and isoparguerane-diterpenes)

(2) *Laurencia saitoi* Perestenko was confused with *Laurencia obtusa* (Hudson) Lamouroux; Masuda. M. and Abe, T. 1993. Jpn. J. Phycol., **41**, 7-18. The occurrence of *Laurencia saitoi* Perestenko (*L. obtusa* auct. japon.) (Ceramiales, Rhodophyta) in Japan.