

2720 (Diterpene)

Name: Prevezol B

{3-[2-(3-Bromo-4-hydroxy-4-methyl-cyclohexyl)-allyl]-
4-isopropenyl-1-methyl-cyclohexane-1,2-diol}

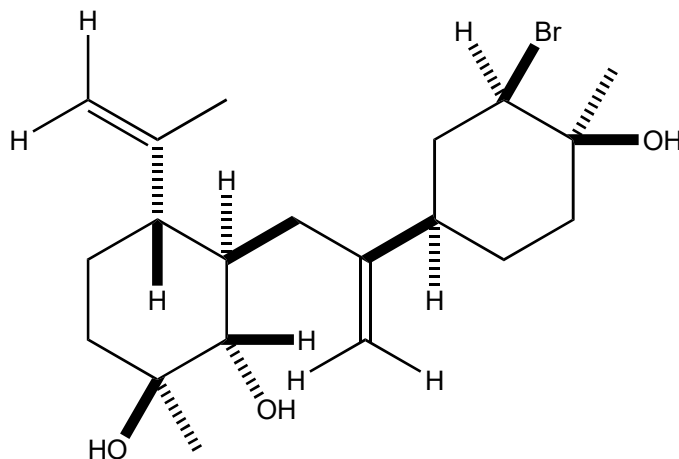
Origin: *Laurencia obtusa* (Preveza, Ionean Sea, Greece)⁽¹⁾;

Formula: C₂₀H₃₃BrO₃

Mol. Wt.: 401.38

Opt. Rot.: [α]_D²⁰ +33.33 (CHCl₃)

Mp.: Oil



References and Notes

(1) Mihopoulos, N., Vagias, C., Mikros, E., Scoullou, M., and Roussis, V. 2001. *Tetrahedron Lett.*, **42**, 3749-3752. Prevezols A and B: new brominated diterpenes from the red alga *Laurencia obtusa*.

(UV, IR, ¹H-NMR, ¹³C-NMR, MS) (together with prevezol A, [prevezol B](#))

(2) **Structure revision**; Iliopoulou, D., Mihopoulos, N., Vagias, C., Papazafiri, P., and Roussis, V. 2003. *J. Org. Chem.*, **68**, 7667-7674. Novel cytotoxic brominated diterpenes from the red alga *Laurencia obtusa*. (UV, IR, ¹H-NMR, ¹³C-NMR, MS)