

## 2753 (Diterpene)

Name: Laurendecumtriol {4-Bromo-3-(4-hydroxy-4-methyl-pent-2-enyl)-  
2-(3-hydroxy-3-methyl-pent-4-enyl)-1,3-dimethyl-cyclohexanol}

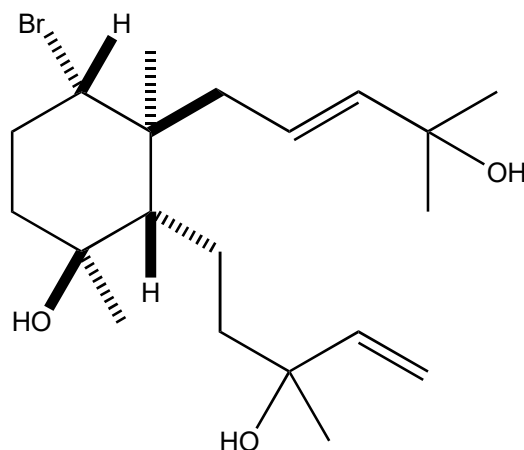
Origin: *Laurencia decumbens* (South China Sea waters offshore Weizhou Island, China)<sup>(1,2)</sup>;

Formula: C<sub>20</sub>H<sub>35</sub>BrO<sub>3</sub>

Mol. Wt.: 403.39

Opt. Rot.: [α]<sub>D</sub><sup>18</sup> +2.5 (CHCl<sub>3</sub>)

Mp.: 119-121



### References and Notes

(1) Ji, N.-Y., Li, X.-M., Cui, C.-M., and Wang, B.-G. 2007. *Helv. Chim. Acta*, **90**, 1731-1736. Terpenes and polybromoindoles from the marine red alga *Laurencia decumbens* (Rhodomelaceae).

(IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR) (together with [laurendecumtriol](#), 11-deacetylpinnaterpene C, pinnaterpenes C, etcetera)

(2) Ji, N.-Y., Li, X.-M., Cui, C.-M., and Wang, B.-G. 2007. *Chin. Chem. Lett.*, **18**, 957-959. Two new brominated diterpenes from *Laurencia decumbens*. (IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR)

(together with [laurendecumtriol](#), 11-deacetylpinnaterpene C)