

## 2705 (Diterpene)

Name: Neoconcinndiol hydroperoxide

{1-(1-Hydroperoxy-1-methyl-ethyl)-4-(3-hydroxy-3-methyl-pent-4-enyl)-  
3a,5-dimethyl-3a,4,5,6,7,7a-hexahydro-3*H*-inden-4-ol}

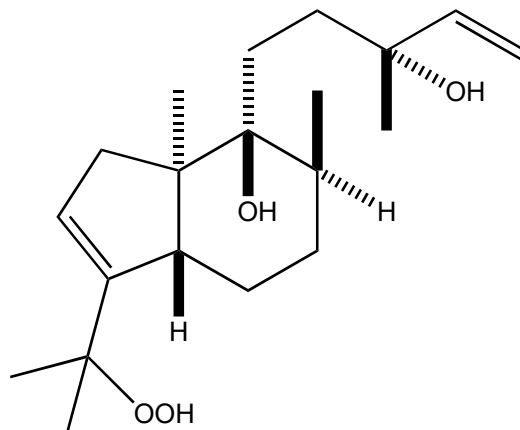
Origin: *Laurencia snyderae* (Santa Catalina Island, California, USA)<sup>(1)</sup>;

Formula: C<sub>20</sub>H<sub>34</sub>O<sub>4</sub>

Mol. Wt.: 338.48

Opt. Rot.: [α]<sub>D</sub><sup>22</sup> -35 (MeOH)

Mp.: 158-159



### References and Notes

(1) Howard, B. M., Fenical, W., Finer, J., Hirotsu, K., and Clardy, J. 1977. *J. Am. Chem. Soc.*, **99**, 6440-6441. Neoconcinndiol hydroperoxide, a novel marine diterpenoid from the red alga *Laurencia*.

(X-ray crystallographic analysis) (<sup>1</sup>H-NMR) (together with [neoconcinndiol hydroperoxide](#), concinndiol, β-snyderol, snyderol derivative)