

## 6105 (Sterol)

Name: 3-*O*-Acetyl-14 $\alpha$ -hydroxypinnasterol

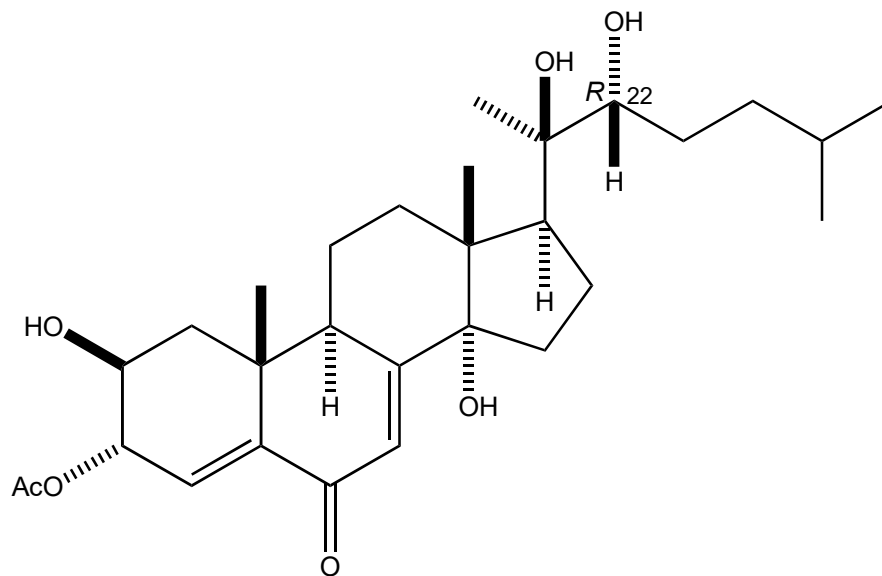
Origin: *Laurencia pinnata* (Onahama, Fukushima, Japan)<sup>(1)</sup>;

Formula: C<sub>29</sub>H<sub>44</sub>O<sub>7</sub>

Mol. Wt.: 504.66

Opt. Rot.: [ $\alpha$ ]<sub>D</sub><sup>20</sup> +92 (CHCl<sub>3</sub>)

Mp.: Oil



### References and Notes

- (1) Fukuzawa, A., Miyamoto, M., Kumagai, Y., and Masamune, T. 1986. *Phytochemistry*, **25**, 1305-1307. Ecdysone-like metabolites, 14 $\alpha$ -hydroxypinnasterols, from the red alga *Laurencia pinnata*. (UV, IR, <sup>1</sup>H-NMR) (together with 4 ecdysone-like steroids)