

## **New Marine Antifouling Compounds from the Red Alga *Laurencia* sp.**

### **ABSTRACT**

Six new compounds, omaezol, intricatriol, hachijojimallenes A and B, debromoaplysinal, and 11,12-dihydro-3-hydroxyretinol have been isolated from four collections of *Laurencia* sp. These structures were determined by MS and NMR analyses. Their antifouling activities were evaluated together with eight previously known compounds isolated from the same samples. In particular, omaezol and hachijojimallene A showed potent activities ( $EC_{50} = 0.15\text{--}0.23 \mu\text{g/mL}$ ) against larvae of the barnacle *Amphibalanus amphitrite*