

## **Bioactive secondary metabolites from the Borneon soft corals of the genus nephthea**

### **Abstract**

As part of our continuous interest in the presence of secondary metabolites in marine organisms of Borneo, we investigated the chemical constituents of the soft corals of the genus *Nephthea*. Four secondary metabolites were isolated from the organic extracts of three Borneon soft corals *Nephthea* species and these compounds were identified as 24-methylenecholesterol (1), 5 $\beta$ ,8 $\beta$ -epidioxy-11-hydroxy-6-eudesmene (2), 5 $\beta$ ,8 $\beta$ -epidioxy-11-hydroperoxy-6-eudesmene(3)and24-methyl-cholesta-5,24(28) -diene-3 $\beta$ ,19-diol-7 $\beta$ -monoacetate (4). Their structures were established by NMR spectroscopic data analysis and comparison of the data with those of the literature.