Three new cembranoids from the Bornean soft coral Nephthea sp.

Abstract

Three new cembranoid diterpenes, 10-hydroxy-nephthenol acetate (**1**), 7,8-epoxy-10-hydroxy-nephthenol acetate (**2**), and 6-acetoxy-7,8-epoxy-10-hydroxy-nephthenol acetate (**3**), along with a known compound, 6-acetoxy-7,8-epoxy-nephthenol acetate (**4**), were isolated from the Bornean soft coral *Nephthea* sp. Antibacterial and anticancer activities were exhibited by compounds **1** and **2** against *Staphylococcus aureus* (ATCC 6538)/*Escherichia coli* (ATCC 13311) and Hela/MCF-7, respectively.