

Isopropyl(ene)-type Cembrane Diterpene an Important Chemotaxonomical Marker in Bornean Soft Coral Genus Sarcophyton

ABSTRACT

Two cembrane diterpenoids; (+)-11,12-epoxysarcophytol A (1) and sarcophytol W (2) were isolated from *Sarcophyton* sp. collected from Mantanani Island, Sabah. Secondary metabolites structures were elucidated based on spectroscopic data. This is the first record of cembranoid diterpenes isolated from the Bornean soft coral genus *Sarcophyton*. The isopropyl(ene)-type cembrane derivatives could be suggested as chemotaxonomical markers for soft coral genus *Sarcophyton*.