New Laurene-type Sesquiterpene from Bornean Laurencia nangii

Abstract

We report the chemical composition of a population of Bornean Laurencia nangii Masuda. A new compound, neolaurene (1), along with five known metabolites, neolaurallene (2), 2,10-dibromo-3-chloro-α-chamigrene (3), deoxyprepacifenol (4), cycloelatanene B (5) and intricatetraol (6), were isolated and their chemical structures elucidated based on spectroscopic data. In addition, their cytotoxicity and antibacterial activity were evaluated.