

**Columbamides D and E: Chlorinated Fatty Acid Amides from the Marine
Cyanobacterium *Moorea bouillonii* Collected in Malaysia**

ABSTRACT

Two new chlorinated fatty acid amides, columbamides D (1) and E (2), along with apratoxins A and C and wewakazole, were isolated from the organic extract of a *Moorea bouillonii* sample from Sabah, Malaysia. Structure elucidation was accomplished by a combination of MS and NMR analyses. The total synthesis of all four stereoisomers of 1 was completed, and the absolute configuration was determined by chiral-phase HPLC and Marfey's analysis.