

Bioactive Terpenes from the Soft Coral *Heteroxenia* sp. from Mindoro, Philippines

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A marine soft coral species of the genus *Heteroxenia* collected from Mindoro Island, Philippines yielded two cadinene sesquiterpenes, (+)- α -muurolene (**1**) and a novel derivative (+)-6-hydroxy- α -muurolene (**2**), as well as the biologically active polyhydroxysterol, sarcoaldosterol A (**3**). The structure of the novel compound was unambiguously established on the basis of NMR spectroscopic (¹H, ¹³C, COSY, ¹H-detected direct and long range ¹³C-¹H correlations) and mass spectrometric (EIMS) data. All compounds were active against the phytopathogenic fungus *Cladosporium cucumerinum*. The isolated terpenes were also active in the brine shrimp lethality test.