

# Study on the Chemical Constituents of Soft Corals *Klyxum simplex* and *Sarcophyton crassocaule*

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## Abstract

A repeated silica gel column chromatography followed by HPLC purification on the ethanol extract of marine soft corals *klyxum simplex* and *Sarcophyton crassocaule*, resulted in the isolation of twelve new diterpenes, involving the two new cembrane-type diterpenes, and ten new eunicellin-type diterpenes. The structures of the new compounds were determined on the basis of extensive spectroscopic data (IR, MS, <sup>1</sup>H, <sup>13</sup>C NMR, HSQC, HMBC and NOESY). The absolute configurations of **2** and **5** were assigned by the MPTA method.

## References :

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