The Seven New Eunicellin-Type Diterpenoids from Taiwan Soft Coral

學生: 戴琦珍(Chi-Jen Tai) 指導老師:許志宏(Jyh-Horng Sheu)

A repeated silica gel column chromatography followed by HPLC purification on the ethanol extract of marine soft corals, resulted in the isolation of seven new and nine known eunicellin-type diterpenes. The structures of the new compounds were determined on the basis of extensive spectroscopic data (MS, ¹H, ¹³C NMR, HSQC, HMBC and NOESY). The soft coral was collected from sea area of Taiwan.

Key words: marine, soft coral, eunicellin, diterpenes.