

Studies on the Secondary Metabolites from the Taiwanese Soft Coral *Sarcophyton trocheliophorum*

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In our ongoing research for secondary metabolites from the acetone-solubles of the Formosan soft coral *Sarcophyton trocheliophorum*, collected at Peng-hu, led to the isolation of eight new compounds (**1-8**), along with known cembranoids sarcophytonin A (**9**), sarcophytonin C (**14**), sarcophytonin G (**15**), sarcophytoxide (**10**), sarcophine (**11**), laevigatol A (**12**), crassumol A-B (**13** and **20**), 17-hydroxysarcophytoxide (**16**), lobophynin A (**17**), 7 β ,8 β -epoxy-4 α -hydroxycembra-1(15),2,11-trien-16,2-olide (**18**), 7 β ,8 β -epoxy-4 β -hydroxycembra-1(15),2,11-trien-16,2-olide (**19**). The structures of these compounds were determined on the basis of their spectroscopic analyses (¹H NMR, ¹³C NMR, ¹H-¹H COSY, HSQC, HMBC, NOESY and HRESIMS) and by comparison of the physical and spectral data with those of the related known compounds.