

# Seven New Cembranoids and Two New Diterpenoids Isolated from the Soft Coral *Sinularia gyrosa*

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In our ongoing research for secondary metabolites from the acetone-solubles of the Formosan soft coral *Sinularia gyrosa*, collected at Dongsha island (東沙群島), led to the isolation of seven new cembranoid compounds (**1-4**, **9**, and **12-13**), eleven known ones (**5-8**, **10-11**, and **14-18**), and two new diterpenoids (**19** and **20**). Their chemical structures and configurations of the compounds were determined by spectroscopic techniques, including NMR (<sup>1</sup>H NMR, <sup>13</sup>C NMR, <sup>1</sup>H-<sup>1</sup>H COSY, HMQC, HMBC, and NOESY) spectroscopy and 3D Chem Draw MM2 force field calculations. The *in vitro* antibacterial activity of isolated metabolites (**5-8**, **10**, **17**, and **18**) was tested against two bacteria species, including *Salmonella enteritidis* (ATCC13076) and *Serratia marcescens* (ATCC25419), using a agar diffusion method. The tested results showed weak antibacterial activities.