Thai marine organisms from the soft coral, *Dendronephthya* sp.: the challenging sources of bioactive compounds

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Abstract: HRESIMS–guided screening of the ethyl acetate fraction of *Neosartorya spinosa* (KUFC 8104), which was isolated from soft coral *Dendronephthya* sp. resulted in the isolation and characterization of four known compounds, aszonalenin (1), acetylaszonalenin (2), tryptoquivaline L (3) and tryptoquivaline (4). The structure elucidation was achieved by using NMR spectroscopic techniques including COSY, NOESY, HMQC and HMQC and mass spectrometric analysis.

Keywords: Thai marine organisms; *Dendronephthya* sp; *Neosartorya spinosa* (KUFC 8104)