

Cytotoxic Rocaglamide Derivatives from *Aglaia dupperea*

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Phytochemical investigation of *Aglaia dupperea* flowers led to the isolation of a new rocaglamide derivative and twelve known congeners. The structure of the new compound was unambiguously elucidated by spectroscopic techniques (1D- and 2D-NMR, HRESIMS). The isolated compounds exhibited a potent cytotoxic activity against mouse lymphoma (L5178Y) cells with EC₅₀ values ranging from 5.1 to 54.8 nM.

Key words: *Aglaia dupperea*, Rocaglamide, Cytotoxicity