

P-206**New Flavonoids Derivatives from *Artocarpus Elasticus* with Antioxidant, Antimicrobial and Cytotoxic Activities**

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Detailed investigation on leaves and bark of *Artocarpus elasticus* has led to the isolation of eight flavonoids derivatives including four new compounds, artoelastil (1), artoelastidi (2), artoelastiq (3), and artoelastidi (4) together with four known compound identified as cycloartocarpesin (5), artonin E (6), cycloartobiloxanthone (7) and artobiloxanthone (8). The structural elucidations of the pure compound were carried out using spectroscopic methods such as UV, IR, NMR, MS and also by comparison with published data. The compounds were tested for their biological activities on antioxidant, cytotoxic, and antimicrobial activities using standard method. Some of the isolated compounds exhibited interesting biological activity which can be further developed as potential antimicrobial, antioxidants and cytotoxic agents.

Keyword: *Artocarpus elasticus*, flavonoids, activities.
