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Production of flavonoids and stilbenoids in cell cultures of *Artocarpus lakoocha* Roxb.

○Suthira MANEECHAI¹, Kittisak LIKHITWITAYAWUID¹,

Wanchai DE-EKNAMKUL¹, 梅原 薫², 野口 博司²(¹チュラロンコン大薬, ²静岡県大薬)

[Objective] A Thai medicinal plant, *Artocarpus lakoocha* (Moraceae) has been reported for several biological activities such as tyrosinase-inhibitory activity, antioxidant activity, and so on. In this study, plant tissue culture technique was used to stimulate secondary metabolites production, and the constituents were investigated.

[Methods] The callus was prepared from aerial part of *A. lakoocha* and cultured by using WP media. The dried callus (40 g) was extracted with EtOH at room temperature, and the extract was subjected to chromatography for isolation of the second metabolites.

[Results & Discussion] Cudraflavone C (**1**), norartocarpin (**2**), 3-prenyl luteol (**3**), (-)-catechin (**4**), aesculin (**5**) and 3-(γ,γ -dimethylpropenyl) moracin M (**6**) were isolated and characterized. Five isolates except **5** were found for the first time from this plant.

