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**Anti-tumor Activities of Triterpenes from *Syzygium kusukusense***

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In this study, we report the isolation of five triterpenes from the stem of *Syzygium kusukusense*, including 2 $\alpha$ -hydroxybetulinic acid (**1**), betulinic acid (**2**), platanic acid (**3**), ursolic acid (**4**), and hryptatic acid A (**5**). All of these triterpenes were identified for the first time in this indigenous plant in Taiwan. Assessment of the antiproliferative activities of these compounds against a panel of human tumor cell lines, including MCF-7 breast cancer, PC-3 prostate cancer, and SCC2095 oral cancer reveals high potency of compounds **1** (IC<sub>50</sub>, 5.7 – 7.6  $\mu$ M) and, especially, **4** (IC<sub>50</sub>, 1.7 – 3.7  $\mu$ M) in suppressing cell viability, which warrants further mechanistic investigations.

Keywords: *Syzygium kusukusense*; Myrtaceae; Triterpene; Cytotoxicity