

A Novel Phenylethanoid Dimer and Flavonoids from *Jacaranda mimosaeifolia*

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A novel phenylethanoid dimer, namely, jacraninoside A (**1**) and the five known constituents *E/Z*-acetoside (**2**), isoacetoside (**3**), cistanoside E (**4**), 6'-acetylacetoside (**5**), and campneoside I (**6**) together with the seven flavonoids isoquercitrin (**7**), scutellarein 7-*O*- β -D-glucuronopyranoside methyl ester (**8**), apigenin 7-*O*- β -D-galacturonopyranoside (**9**), luteolin 7-*O*- β -D-glucuronopyranoside methyl ester (**10**), apigenin 7-*O*- β -D-glucuronopyranoside methyl ester (**11**), luteolin 7-*O*- β -D-glucopyranoside (**12**), and isovitexin (**13**) were isolated from the aqueous methanol extract of *Jacaranda mimosaeifolia* D. Don. leaves. All known metabolites have been identified in this genus for the first time except for **2** and **12** which had been isolated once before from the leaves and twigs of *Jacaranda mimosaeifolia*. Their structures were elucidated based on chemical evidences and spectroscopic analyses (1D and 2D NMR, HRMS ((-)-ESI)/MS, UV).

Key words: *Jacaranda mimosaeifolia*, Bignoniaceae, Leaves, Acetocide Dimer, Flavone and Flavonol Glycosides