

FLAVONES AND FLAVONE GLUCOSIDES FROM THE LEAVES OF *TRACHELOSPERMUM ASIATICUM*

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Key Word Index—*Trachelospermum asiaticum* var. *intermedium*; Apocynaceae; succinic acid; apigenin; luteolin; arctigenin; apigenin-7-glucoside; luteolin-7-glucoside; luteolin-4'-glucoside

Lignan glucosides were recently reported as the components of the stems of *Trachelospermum asiaticum* Nakai var. *intermedium* Nakai.^{1,2}

We report the isolation of succinic acid (I) (0.0016% yield), apigenin (II) (0.0012% yield), luteolin (III) (0.0025% yield), arctigenin (IV) (0.0009% yield), apigenin-7-glucoside (V) (0.0006% yield), luteolin-7-glucoside (VI) (0.0011% yield) and luteolin-4'-glucoside (VII) (0.0026% yield) from the leaves.

The dried leaves were extracted with hot MeOH. The MeOH solution was evaporated, diluted with H₂O. The aqueous solution was extracted with Et₂O, CHCl₃ and AcOEt, respectively.

The AcOEt extract was chromatographed on silica gel column. I from eluate with CHCl₃, II, III and IV from eluate with CHCl₃-EtOH (1:19), V, VI and VII from eluate with CHCl₃-EtOH (3:17) were obtained in order. These compounds were identified with the authentic samples by IR, UV, TLC, PPC and m.m.p., respectively.

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¹ INAGAKI, I., HISADA, S. and NISHIBE, S. (1971) *Phytochemistry* **10**, 211

² INAGAKI, I., HISADA, S. and NISHIBE, S. (1972) *Chem. Pharm. Bull. (Tokyo)* **20**, 2710.

NEW β -DIKETONES FROM *BUXUS SEMPERVIRENS*

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Plant. *Buxus sempervirens* L. **Source.** University campus of Louvain. A voucher specimen is deposited in the Herbarium of this University. **Previous work.** None.