

[*Phytochemistry*, 47, 475-477 (1998)]

[Lab. of Herbal Garden]

Two Pterocarpan from *Erythrina Orientalis*.

Hitoshi TANAKA, Toshihiro TANAKA* and Hideo ETOH

Two new pterocarpan, orientanol B and C, were isolated from roots of *Erythrina orientalis* (Leguminosae), together with the three known pterocarpan, folitenol, erythrabyssin II and erycristagallin and the prenylated isoflavone, bidwillol A. Their structures were elucidated on the basis of the spectroscopic evidence. Erythrabyssin II and erycristagallin have antimicrobial activity.

[*Phytochemistry*, 47, 1397-1400 (1998)]

[Lab. of Herbal Garden]

An Isoflavon from *Erythrina x bidwillii*.

Hitoshi TANAKA, Toshihiro TANAKA,* Ayako HOSOYA, Yukio KITADE and Hideo ETOH

A new isoflavon, erythbidin A, was isolated from the wood of *Erythrina x bidwillii*, together with three known isoflavons, phaseollinisoflavan, 2'-methoxyphaseollinisoflavan, and 2'-O-methoxyphaseollidinoflavans and another pterocarpan, sandwicensin. Erythbidin A has a dimethylpyrene substitution an the 2',3'-position.

[*Heterocycles*, 48, 2661-2667 (1998)]

[Lab. of Herbal Garden]

Two New Isoflavones from *Erythrina suberosa* var. *glabrescences*.Hitoshi TANAKA, Toshihiro TANAKA,* Hideo ETOH, Naoharu WATANABE,
Mansoor AHMAD, Imran QURASHI and Mohammad REHAN KAHAN

Two new isoflavones, erysubins A and B, along with five known isoflavones (erythrinin C, alpinumisoflavone, a wighteone metabolite, wighteone and laburnetin), and a known pterocarpan, cristacarpin, were isolated from the wood of *Erythrina suberosa* var. *glabrescences* (Leguminosae) and their structures were elucidated on the basis of spectroscopic evidence. Erysubin A is the first naturally occurring isoflavone possessing the hydroxyisopropylfuran substituent.

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[Lab. of Herbal Garden]

Three Isoflavone from *Erythrina orientalis*.

Hitoshi TANAKA, Toshihiro TANAKA,* Ayako HOSOYA, Yukio KITADE and Hideo ETOH

Three new isoflavanones, orientanols D-F, were isolated from the roots of *Erythrina orientalis* (Leguminosae), together with the two known isoflavanones, bidwillon A and bidwillon B. Their structures were elucidated on the basis of spectroscopic evidence. Orientanol D is a novel isoflavanone having a hydroxyl group at C-3 position.