Flavonoids in Root Bark of *Pongamia pinnata*.
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Further investigation of the flavonoid constituents of *Pongamia pinnata* from Japan results in the isolation of 18 flavonoids including nine new ones, named ponganones III-XI, from its root bark. The new structures were determined by to be (2S)-3′,4′-dimethoxy-6′,6″-dimethylpyran[2″,3″: 7,8]flavanone, (2S)-6,3′,4″-trimethoxy-6′,6″-dimethylpyran[2″,3″: 7,8]flavanone, (2S)-7-methoxy-6-O-γ,γ-dimethylallyl-3′,4″-methylenedioxyflavanone, 2′-hydroxy-3,4,5″-trimethoxy-6″,6″-dimethylpyran[2″,3″: 4′,3″-]chalcone, 2′,4″-dimethoxy-3,4-methylendioxydihydrochalcone, etc. These structures were determined by means of spectral analysis and synthesis.

Three Flavanones with A Lavandululyl Group in the Roots of *Sophora exigua*.
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Two novel flavonones with a lavandululyl residue, exiguafлаванове A and B, were isolated from the roots of *Sophora exigua* in addition to a known flavanone (sophorafлаванове G). The structures of the new flavanones were determined to be 5,7,2′,6″-tetrahydroxy-8-lavandulyl-(exiguafлаванове A) and 5,2′,6″-trihydroxy-8-lavandulyl-7-methoxyflavanone (exiguafлаванове B) by means of 2D NMR spectral analysis.

Studies on Inhibitors of Skins Tumor Promotion XI. Inhibitory Effects of Flavonoids from *Scutellaria baicalensis* on Epstein–Barr Virus Activation and Their Anti-tumor–Promoting Activities.
TAKAO KONOSIMA, MIDORI KOKUMAI, MUTSUO KOZUKA, MUNEKAZU INUMA*, MIZUO MIZUNO, TOSHIYUKI TANAKA, HARUKUNI TOKUDA, HOYOKU NISHINO, AKIO IWASHIMA

To search for possible anti-tumor-promoters, fourteen flavonones obtained from the root of *Scutellaria baicalensis* were examined for their inhibitory effects of EBV early antigen activation, by a short term *in vitro* assay. Among these flavones, 5,7,2′-trihydroxy- and 5,7,2′,3′-tetrahydroxyflavones showed remarkable inhibitory effects on the EBV activation, and the effect of the latter on Raji cell cycle was also examined by flow cytometer.