Iridoids with Anti-Inflammatory Activity from *Vitex peduncularis*

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**Abstract**

A new iridoid, pedunculariside, together with the known iridoid agnuside were isolated from the butanol extract of *Vitex peduncularis* stem bark. Both pedunculariside and agnuside showed preferential inhibition of COX-2, with IC\(_{50}\) values of 0.15 ± 0.21 mg/ml and 0.026 ± 0.015 mg/ml respectively, while having only small inhibitory effects on COX-1. Both compounds did not exhibit cytotoxicity against vero cells.