

PICRININE IN *VINCA MINOR*

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Key Word Index—*Vinca minor*, Apocynaceae, picrinin

Plant Vinca minor L Source Cultivated in region of Mohács South Hungary Uses Medicinal ¹ Previous work Alkaloids ²

Present work A base, m p 224–225°, was isolated from the red highly polar fraction C³ of the total alkaloids from the leaves and stems of *Vinca minor* L by countercurrent distribution and chromatography on alumina Picrinine C₂₀H₂₂N₂O₃, UV λ_{max} 236 nm (log ε 3.90), and 288 nm (log ε 3.50) m/e 338 M⁺, other major peaks at 320 (M-H₂O), 307 (M-OMe), 279 (M-COOMe), 261 (M-COOMe-H₂O), and the parent peak at m/e 239 ⁴ PMR spectrum 6.7–7.4 ppm (four aromatic protons), 4.92 ppm (NH-s), 5.45 ppm (vinyl q), 3.60 ppm (O-Me s), 1.50 ppm (d > CHMe) ⁵

The occurrence of picrinine was so far reported in *Alstonia scholaris*,⁴ and in *Rauwolfia vomitoria* ⁶ Vincaridine, isolated from *Vinca erecta*,⁷ was also shown to be identical with picrinine No picrinine was found in wild *Vinca minor* L collected in South Slovakia near Bratislava

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