

金丝矮陀陀植物中甾体生物的碱的分离与化学结构

邱明平, 聂瑞麟, 李忠荣, 周俊

中国科学院昆明植物研究所

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摘要 本文报导了云南产的金丝矮陀陀植物中的甾体生物碱的化学结构, 从中得到22个甾体生物碱。

关键词 [生物碱](#) [甾族化合物](#) [植物分析](#) [化学结构](#) [金丝矮陀陀](#)

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### Isolation and chemical structures of steroidal alkaloids from pachysandra axillaris franch

QIU MINGPING, NIE RUILIN, LI ZHONGRONG, ZHOU JUN

**Abstract** Steroidal alkaloids from *P. axillaris* collected in Yunnan, China are reported. By means of systematic isolation, 22 steroidal alkaloids were isolated in crystalline form from the 95% EtOH exts. of *P. axillaris*. The basic characteristics of these compounds are tabulated. Their chem. structures were elucidated by spectral and chem. means. All the compounds belong to steroidal alkaloids of pregnane type, 17 of which, i.e., iso-spiropachysine, spiropachysine B, pachyaximine S A-B, axillarines A-F, pachysamines G-H, pachysanaximine A, axillaridine A, pachyaxiosides A-B, and epi-pachysamine B, are natural products reported for the 1st time.

**Key words** [ALKALOID](#) [STEROIDS](#) [PLANT ANALYSIS](#) [CHEMICAL STRUCTURE](#) [PACHYSANDRA AXILLARIS FRANCH](#)

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