

论文

土茯苓化学成分研究(IV)

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摘要:

关键词: 土茯苓 光叶菝葜 异黄酮 7,6'-二羟基-3'-甲氧基异黄酮

STUDIES ON THE CHEMICAL CONSTITUENTS OF *SMILAX GLABRA*

Yi Yijun; Cao Zhengzhong; Yang Dalong; Cao Yuan; Wu Yongping and Zhao Shouxun

Abstract:

Smilax glabra is a well known traditional Chinese medicine which has been used clinically to prevent leptospirosis, to treat syphilis, and acute bacterial dysentery, etc. Its extracts showed anti tumor and anti atherosclerosis activity. A new isoflavone, 7,6'-dihydroxy 3'-methoxy isoflavone (1), along with two known compounds taxifolin (2) and astilbin (3), have been isolated from the roots of *Smilax glabra*. The structures were elucidated by spectroscopic methods including 2DNMR techniques.

Keywords: Liliaceae Isoflavone 7,6'-Dihydroxy 3'-methoxy isoflavone *Smilax glabra* Roxb

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