

综述

鸢尾苷元异黄酮化合物的研究进展

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摘要 中药鸢尾科植物射干及鸢尾具有清热解暑、利咽消痰、散血消肿的功效, 研究发现其根茎含有多种化学成分, 是其药理作用的基础。鸢尾科植物各成分与药理作用的关系是近来研究和开发中药新药的热点。本文对鸢尾科植物根茎中的一种化学成分鸢尾苷元异黄酮的来源、理化性质进行了介绍, 总结了其药理作用, 并对鸢尾苷元异黄酮的分析方法和药代动力学特征等进行了综述。

关键词 [鸢尾苷元](#) [药理作用](#) [分析方法](#)

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Tectorigenin isoflavone compound: a research progress

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Abstract

Rhizome belamcandae and Rizoma Iridis Tectorum (Roof Iris) in Iridaceae exert effects of heat-clearing and detoxifying, relieving sore-throat and reducing phlegm, and detumescence in the practice of the traditional Chinese materic medica (TCMM). Many kinds of chemical compounds that are the active ingredients for the pharmacological effects are found in the rhizomes of the plants. The relationship between compound and pharmacological actions is the focuses in research and development of the TCMM. In this review, we introduced the source, physical and chemical property of tectorigenin isoflavone, one of the compounds in the rhizomes of the plants in Iridaceae, described its pharmacological actions, i.e. . Anti-inflammatory, antitumor, free radical scavenging, antimicrobial, selective estrogen receptor modulator and aldose reductase-regulating actions. We also summarized the methods of analysis of tectorigenin (such as spectrometry and chromatography), its metabolism and biopharmaceutical analysis.

Key words [tectorigenin](#) [pharmacological action](#) [analysis method](#)

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