三亞麻油酸：一種分離自中草藥三七的天然三酸甘油脂具有心血管保護效果

Cardiovascular effect of trilinoliein, a natural triglyceride isolated from the herb sanchi（Pannax Notoginseng）

陳保羅
Chan P;Kao PF;Tomlinson B

摘要

三亞麻油酸(Trilinolein)是分離自傳統中草藥三七根部的一種天然三酸甘油脂，過去的研究顯示其有多種心血管藥理作用，包括心肌保護，抗心律不整及抗氣化作用。上述作用主要是經由抗氣化而產生。近期研究發現此物質更可抑制心肌細胞肥厚。顯示傳統中草藥用作於治療心血管疾病是有其科學基礎。

Abstract

Trilinolein is a natural triacylglycerol isolated from the traditional Chinese herb, Panax notoginseng, and has been found to have several pharmacological effects. Through various mechanisms, trilinolein has been demonstrated to have anti-ischemic, antiarrhythmic, and antioxidant properties. This article summarizes our research on the myocardial protective effects of trilinolein, which may explain some of the benefits of the natural herb in treating circulatory disorders which have been perceived by empirical practice.