

國立中國醫藥研究所叢書

台灣地區中醫藥文獻摘要專輯(九)

主編 陳介甫



國立中國醫藥研究所
中華民國八十七年十二月

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編輯說明

一、《台灣地區中醫藥文獻摘要專輯》係以收錄台灣地區中醫藥研究論文及博碩士論文為主，第一至第五輯於八十一年十一月出版，收錄一九六四年至一九九一年所發表之論文。

二、今出版《台灣地區中醫藥文獻摘要專輯》第六輯至第十輯，係收錄一九九一年至一九九六年所發表之論文，部分學校則收錄至一九九七年，篇數總計853篇。第一至第五輯原有機構、學校，未及在第六輯至第十輯中出現者為中國醫藥學院、大仁藥學專科學校、成功大學醫學院、國防醫學院、中國文化大學，現正整理中，將另外編印。

三、第六輯至第十輯收錄學校機構及篇數如下：

第六輯	國立中國醫藥研究所	195 篇
第七輯	陽明大學	146 篇
第八輯	高雄學學院	182 篇
第九輯	台灣大學暨醫學院	124 篇
	藥物食品檢驗局	30 篇
	中山大學	13 篇
第十輯	台北醫學院	55 篇
	中山醫學院	25 篇
	嘉南藥理學學院	53 篇
	淡江大學	30 篇

四、內容編排係按文獻摘要提供學校機構編排，每個學校機構分為兩部分，一為研究論文；二為博碩士研究論文。論文排列方式先按文獻刊載（發表）之年代排序，年代相同者再依篇名順序編排（有中英篇名者係以英文篇名為排序依據）。研究論文著錄篇名、著者及其服務機構學校、出處與摘要；博碩士論文著錄篇名、研究生及其服務機構學校、指導教授及其服務機構學校、出處與摘要。

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Comparison of the Actions of Some Platelet-Activating Factor Antagonists on Platelets and Aortic Smooth Muscles

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[ABSTRACT]

The pharmacological actions of five platelet-activating factor (PAF) antagonists were compared in rabbit platelets and rat thoracic aorta. In PAF (2ng/ml)-induced aggregation of washed rabbit platelets, WEB 2086 and WEB 2170 much were more potent inhibitors than BN 52021, kadsurenone and denudatin B, and the IC_{50} values were calculated to be 0.1, 0.3, 5, 8 and 10 μ g/ml, respectively. WEB 2086, WEB 2170 and BN 52021 did not affect the platelet aggregation caused by collagen (10 μ g/ml), ADP (20 μ M), arachidonic acid (100 μ M) or thrombin (0.1U/ml). Kadsurenone and denudatin B suppressed ATP release, thromboxane B_2 formation and the rise in intracellular calcium of washed rabbit platelets caused by collagen and thrombin, while WEB 2086, WEB 2170 and BN 52021 did not have an effect. Norepinephrine (3 μ M) induced a sustained contraction in rat thoracic aorta. Pretreatment with these PAF antagonists (20-100 μ g/ml) caused inhibition of the aortic contraction in the following order: kadsurenone>denudatin B>WEB 2086>BN 52021>WEB 2170. In high potassium (60mM)-induced contraction of rat aorta, kadsurenone and denudatin B caused marked relaxation, while WEB 2086, WEB 2170 and BN 52021 had only a slight effect. It is concluded that WEB 2086, WEB