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[6]

Sadtler 标准谱. H-NMR: 19620 ¹³C-NMR: 5219

[7]

Sadtler 标准谱. H-NMR: 10068 ¹³C-NMR: 9997

[8]

Sadtler 标准谱. H-NMR: 3158, ¹³C-NMR: 6458.

Hypoglycemic Effects of Extracts and Constituents from *Euonymus alatus*

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【ABSTRACT】 AIM: To observe the hypoglycemic effects of *Euonymus alatus* (Thunb.) Sieb and to determine its hypoglycemic effective extract. **METHOD:** Normal mice and alloxan induced diabetic mice were used to observe the hypoglycemic effects. **RESULT:** Ethyl acetate extract of *Euonymus alatus* shows hypoglycemic effects. Four compounds were isolated from active groups and they were identified as p-hydroxybenzoic acid, (EA-1), protocatechuic acid (EA-2), 4-hydroxy-3-methoxybenzoic acid, (EA-3) and 3, 5-dimethoxy-4- hydroxybenzoic acid, (EA-4). **CONCLUSION:** The fasting serum glucose level in diabetic mice was reduced significantly, but similar effect on fasting serum glucose level was not produced in normal mice. EA-1 ~EA-4 were firstly isolated from *Euonymus alatus*.

【KEY WORDS】 *Euonymus alatus* (Thunb.) Sieb; Hypoglycemic effects; Active extracts; Constituents

。新动态。

我国用天然药物治疗艾滋病进展迅速

近几年,国内科学家不断致力于用天然药物治疗艾滋病的研究,研制了多种药品,取得突破性进展。一些专家认为天然药物在治疗艾滋病方面已显露曙光。

- 。中国科学院昆明植物研究所罗士德教授组织科技人员 在中草药里筛选抗艾滋病药物。
- 。沈阳永正企业集团自 1991 年起,开始从事研究利用 中药治疗艾滋病。
- 。成都恩威集团公司 中医药研究所自 90 年代开始进行 治疗艾滋病的研究。该所高级工程师薛永新发明研制的中药“乾坤宁”已 进入 药物开发阶段。
- 。青岛 海洋大学 发明研制的抗艾滋病海洋药物聚甘右酯是中国拥有 知识产权的 第一个抗艾滋病国家一类新药,近期将获准进入 I 期临床。

(摘自《中国医药情报》)