

Home 注册 订阅 英文版

中国中药杂志 **China Journal of Chinese Materia Medica** 

山楂叶悬钩子根抗氧化活性成分研究

投稿时间: 2012-10-21 责任编辑: 点此下载全文

引用本文:魏忠宝,孙佳明,李朋飞,王帅,张辉,林喆.山楂叶悬钩子根抗氧化活性成分研究[J].中国中药杂志,2012,37(23):3591.

DOI: 10.4268/cjcmm20122318

摘要点击次数:41

全文下载次数:32

中文标题

中国中国科学院中有研究所  $\bigcirc$ 









作者 中文 名	作者英文 名	单位中文名	单位英文名	E-Mail
<u>魏忠</u> 宝	WEI Zhong-bao	吉林省现代中药及生物 制药基地建设办公室, 吉 林 长春 130041	Jilin Modern Medical and Biopharmaceutical Base Office, Changchun 130041, China	
<u>孙佳</u> <u>明</u>	SUN Jia- ming	长春中医药大学 中医药 与生物工程研发中心,吉 林 长春 130117	Development Center of Traditional Chinese Medicine and Bioengineering, Changchun University of Traditional Chinese Medicine, Changchun 130117, China	
<u>李朋</u> 飞		<u>长春中医药大学 中医药</u> 与生物工程研发中心,吉 <u>林 长春 130117</u>	Development Center of Traditional Chinese Medicine and Bioengineering, Changchun University of Traditional Chinese Medicine, Changchun 130117, China	
王帅	WANG Shuai	长春中医药大学 第一附 属医院, 吉林 长春 130021	Department of Pharmacy, First Affiliated Hospital of Changchun University of Traditional Medicine, Changchun 130021, China	
<u>张辉</u>	ZHANG Hui	长春中医药大学 中医药 与生物工程研发中心,吉 林 长春 130117	Development Center of Traditional Chinese Medicine and Bioengineering, Changchun University of Traditional Chinese Medicine, Changchun 130117, China	zhanghui_8080@163.com
林喆	LIN Zhe	长春中医药大学 科技处, 吉林 长春 130117	Department of Science and Technology, Changchun University of Traditional Chinese Medicine, Changchun 130117, China	linzhe333@yahoo.com.cn

基金项目:吉林省中医药管理局中医药科技项目(08gzs-03)

中文关键词:悬钩子属 山楂叶悬钩子 化学成分 抗氧化活性

## Antioxidant activity constituents from root of Rubus crataegifolius

Abstract: Objective: To study the antioxidant constituents from the root of Rubus crataegifolius. Method: The constituents isolation and Abstract:Objective: To study the antioxidant constituents from the root of Rubus crataeggloius. Method: The constituents isolation and purification from the root of Retraeggloius was carried by reported column chromatography including sisica get, topogen, and their structures were elucidated on the basis of spectral compounds. DPPH method was used to evaluate the free radical scarenging activity of the isolated compounds. Result: Nine compounds were isolated from the root of R. crataeggloius, and their structures were informed from the root of R. crataeggloius, and their structures demitted as follow: euscaphic acid (1), kaempferol-3-0-β-D-galactopyranoside(2), tormentic acid (3), 2a, 19a, 24-trihydroxyurs-12-ene-3-oxo-28-acid (4), 2a-hydroxy-cleanolic acid (3), unsolic acid (6), daucosterol (7), p. sionsterol (8) and polydatin (9) By experiment of anidant activity, the result showed compounds 2 and 9 revealed DPPH free radical scavenging rates were 95.60% and 75.23% at the concentration of 50 mg. <sup>1</sup> Constitutions. • L<sup>-1</sup> Conclusion: Compounds 1-8 were isolated from this plant for the first time, and compounds 2 and 9 showed the significant

查看全文 查看/发表评论 下载PDF阅读器

版权所有 © 2008 《中国中药杂志》编辑部 京ICP备11006657号-4 您是本站第7695903位访问者 今日—共访问7893次 当前在线人数:41 北京市东直门内南小街16号 邮编: 100700

技术支持:北京勤云科技发展有限公司 linezin