

B303098177 許嘉珍

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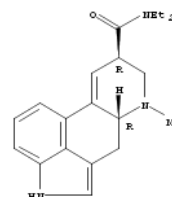
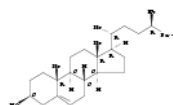
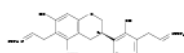
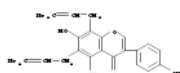
Studies on the anticancer constituents in *Glycyrrhiza uralensis* Fisch

By: Yang, Li; Chen, Haixia; Gao, Wenyan; Yan, Lulu

The objective of this paper was to study the anticancer constituents in *Glycyrrhiza uralensis* Fisch. The compds. were isolated and purified by means of column chromatog. with silica gel, Sephadex LH-20, ODS-HPLC, and pre-TLC etc. The structures were identified by means of ¹H- and ¹³C-NMR. The MTT assay was applied to test antitumor activities of compds. from *Glycyrrhiza uralensis* Fisch. on adenocarcinoma cell line LA795. Five compds. were isolated from the Et acetate ext. in the rhizome of *Glycyrrhiza uralensis* Fisch. Their structures were identified as licoricidin (1), β -sitosterol, betulinic acid Me ester (3), 5,7,4'-trihydroxy-6,8-diprenylisoflavone (4), and glisoflavanone (5). Compd. 3 was firstly obtained from *Glycyrrhiza uralensis* Fisch, and compds. 1, 2, and 4 were found to inhibit the proliferation of adenocarcinoma cell line LA795.

軟體會附上提到的成分的資料

分別點入後就可以查到他們的結構式:



可以觀察結構上的相關性,設計可能有療效的結構

二、心得:SCIFINDER 真的很方便 因為它可以在資料理順便查詢到相關結構 還可以查詢到反應式等等,毒理報告利用它來查詢也超級方便的!!

Innovation-

在軟體內查詢 pen 關鍵字

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USD650442S1	2011-12-13
Title: Ballpoint pen	
USD650441S1	2011-12-13
Title: Ballpoint pen	
US807908B1	2011-12-13
Title: Malicious mobile code runtime monitoring system and methods	
US8079079B2	2011-12-13
Title: Multimodal authentication	
US8079074B2	2011-12-13
Title: Dynamic security shielding through a network resource	
US8079039B2	2011-12-13
Title: Isolating, managing and communicating with user interface elements	

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First Claim ?

1. The ornamental design for a ballpoint pen, as shown and described.

Assignee / Applicant ?

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Inventor ?

Kim Ho Sung, Jeollanam-Do, KR

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USD650442S1 / 2011-12-13 US2010379612F / 2010-11-22

Priority Number / Date ?

US2010379612F / 2010-11-22

IPC ?

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U.S. Patent Dec. 13, 2011 Sheet 1 of 6 US 650442S

FIG. 1

2 3 4 5

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心得:也是很方便的東西,可以避免發明了以獲得專利的物品,而且也許可從他們的設計裡面找出一些靈感與創意