

产品分析证书 Certificate of Analysis

中文名称: 3'-甲氧基葛根素

English Name: 3'-MethoxyPuerarin

别名 (Alias): Puerariaglycoside 3

产品编码 (Cat. No.): BP0067

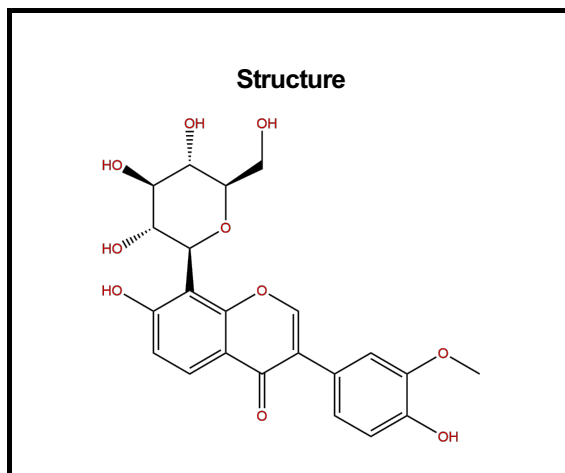
CAS Number: 117047-07-1

分子式 (M. F.): C₂₂H₂₂O₁₀

分子量 (M. W.): 446.408

批号 (Batch No.): PRFM71229-02

报告日期 (Report date): 2016/12/29



检验结果 (Analytical result):

检验项目 (Test Item)	检验指标 (Specifications)	检验结果 (Results)
外观 Appearance	Grey white powder	Grey white powder
干燥失重 Loss on drying	<3.0%	0.92%
纯度 Purity (HPLC-DAD, 250nm)*	≥98.0%	99.75%
质谱 Mass	446.408±1	Conforms
核磁 NMR	Comply with the structure	Conforms

* 色谱图见附件 (Please find HPLC chromatography attached.)

贮存条件 (Storage): 2~8°C, protected from light, keep package airproofed when not in use.

复测期 (Retest date): two years (2018-12-28) under conditions list above.

QC: Zhang Ling

Date: 2016年12月29日



QA: Wu Qi

Date: 2016年12月29日

备注 (Remarks): The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.

In case of quality issue, please contact us within 15 days after receipt of the product.

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附 1：HPLC 图谱

仪器：Waters HPLC；

色谱柱：Ultimate® XB-C18，4.6*250 mm，5μm；

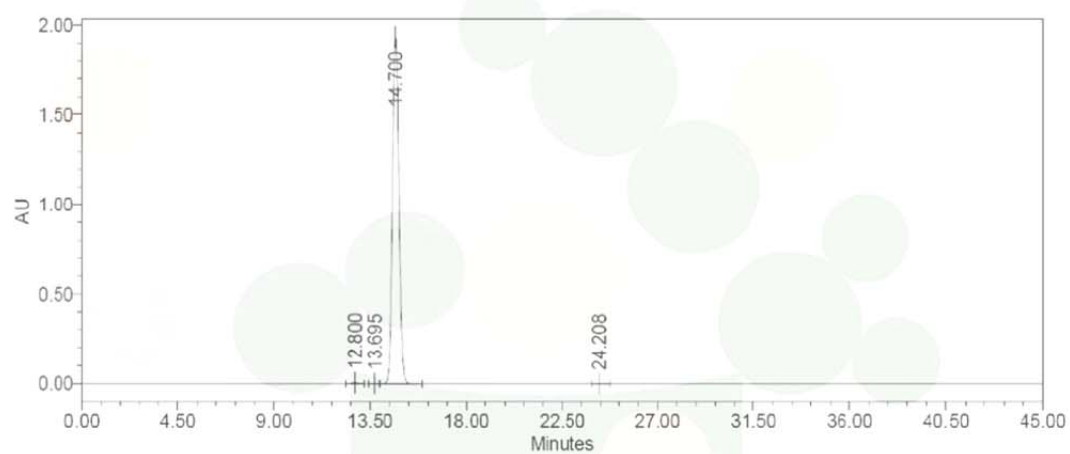
流动相：乙腈-0.1%PA 13：87；

流速：1.0 ml/min；

柱温：35℃；

检测器：UV-240 nm

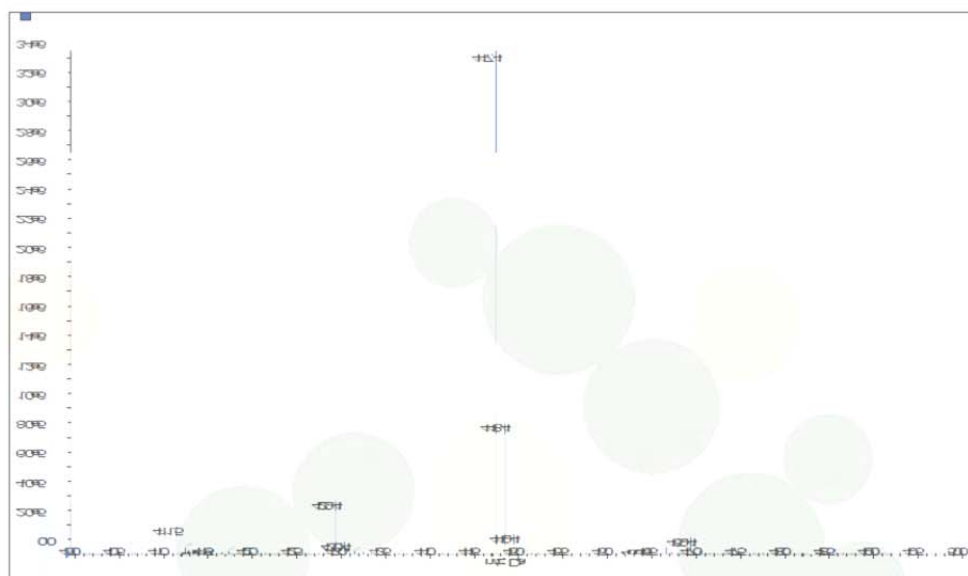
配制浓度：1.0mg/ml(MeOH)



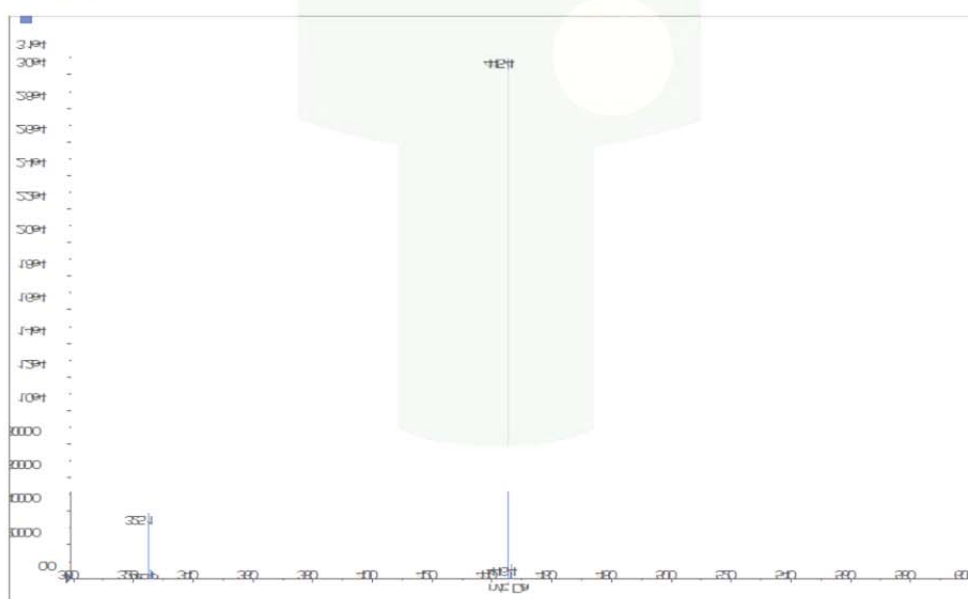
	Retention Time (min)	Area	% Area	Height
1	12.800	97226	0.24	5665
2	13.695	984	0.00	65
3	14.700	39720134	99.75	1933281
4	24.208	1090	0.00	44

附 2 : 质谱 MS

ES-TOF MS+

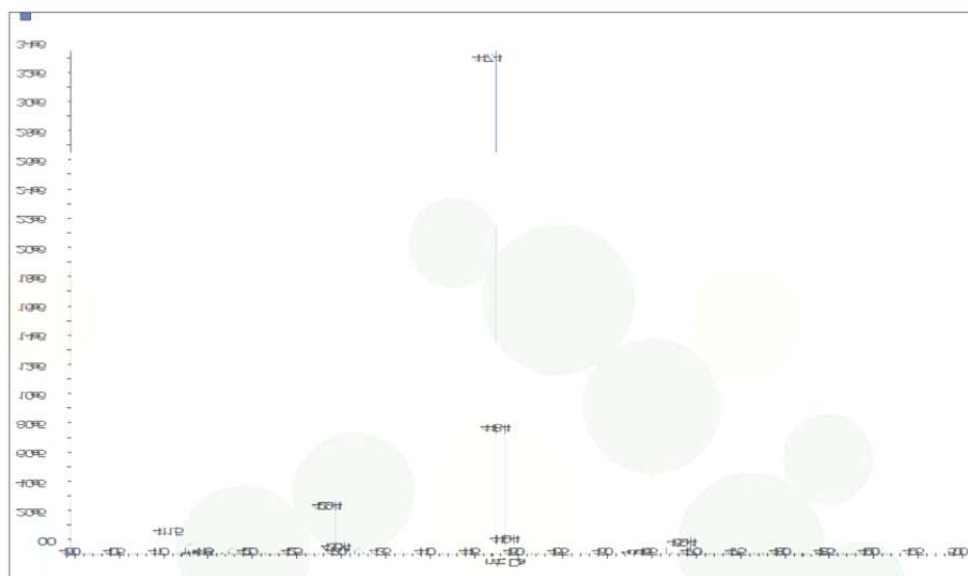


ES-TOF MS-

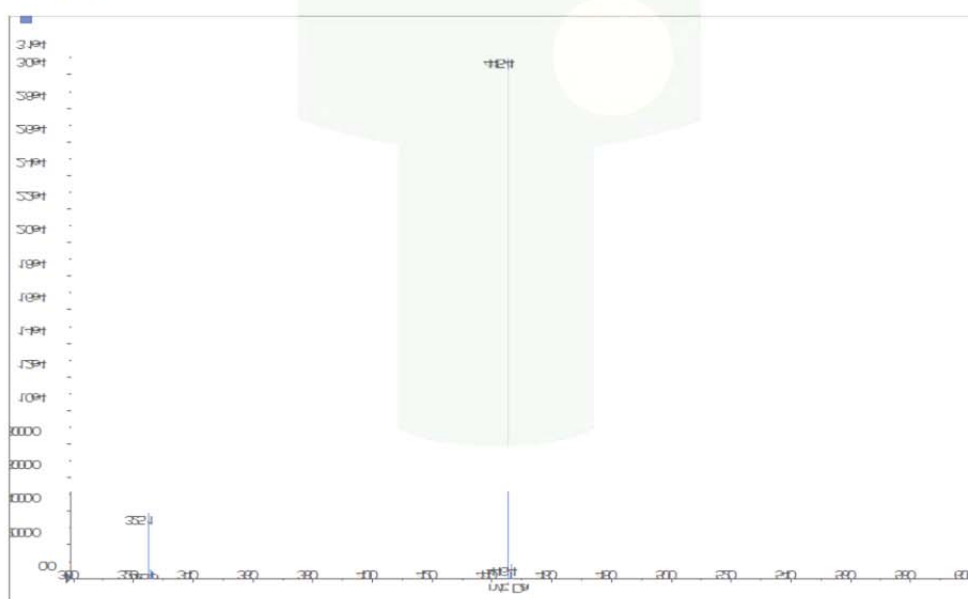


附 2 : 质谱 MS

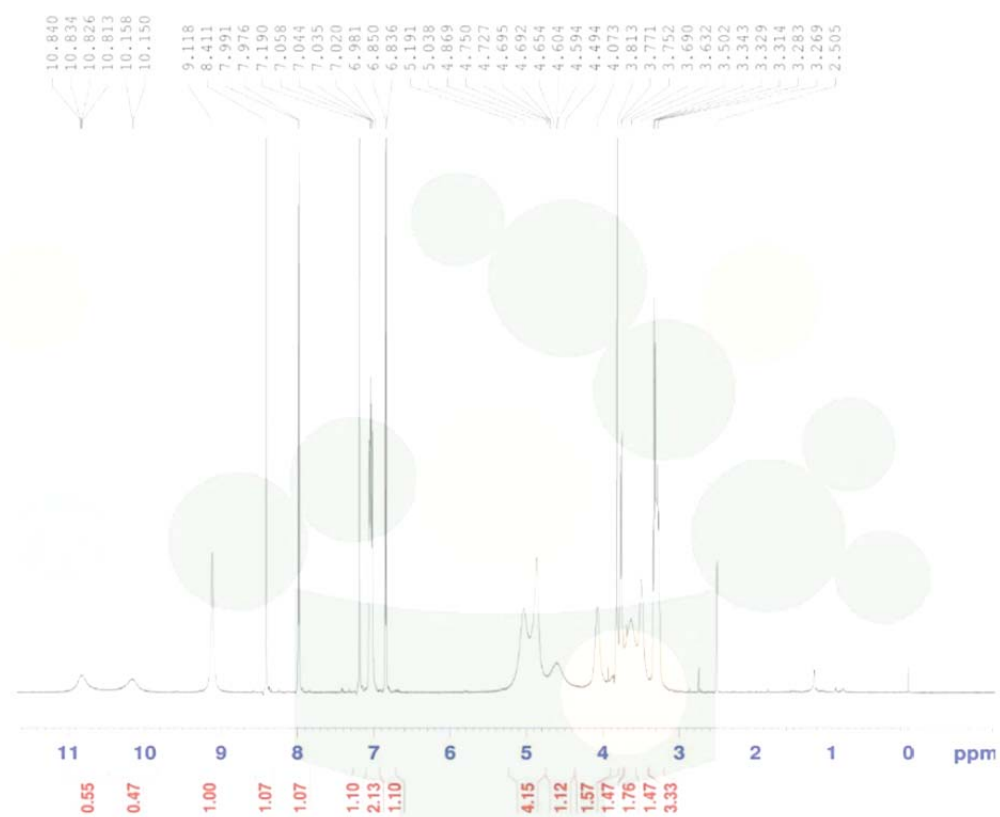
ES-TOF MS+



ES-TOF MS-



附 3a : ^1H -NMR(600M Hz , DMSO- d_6)



附 3b : ^{13}C -NMR(150M Hz , DMSO- d_6)

