

产品分析证书
Certificate of Analysis

中文名称: 补骨脂查耳酮

English Name: Bavachalcone

别名 (Alias): Brousochalcone B

产品编码 (Cat. No.): BP0238

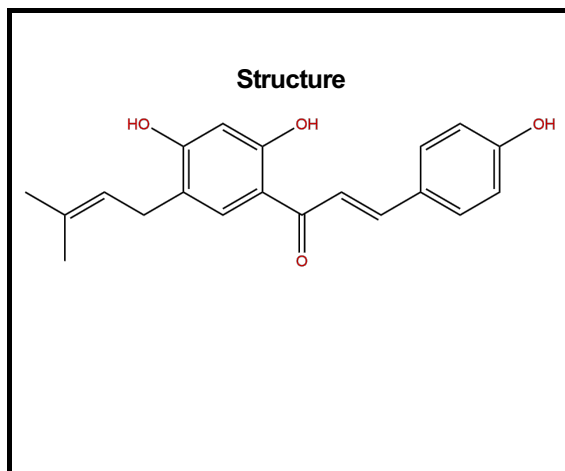
CAS Number: 28448-85-3

分子式 (M. F.): C₂₀H₂₀O₄

分子量 (M. W.): 324.376

批号 (Batch No.): PRF8042531

报告日期 (Report date): 2017-04-25



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	Yellow powder	Yellow powder
干燥失重 Loss on drying	<3.0%	1.7%
纯度 Purity (HPLC-DAD, 377nm)*	≥98.0%	98.05%
质谱 Mass	324.3±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

检测方法 (Test Method): Column: Thermo HYPURITY C18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV377nm;

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B, 30%-50%, 15min.

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 (2019-04-24) under conditions list above.

QC: Zhang Ling

Date: 2017-04-25

QA: Wu Qi

Date: 2017-04-25

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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http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

样品名称: Bavachalcone

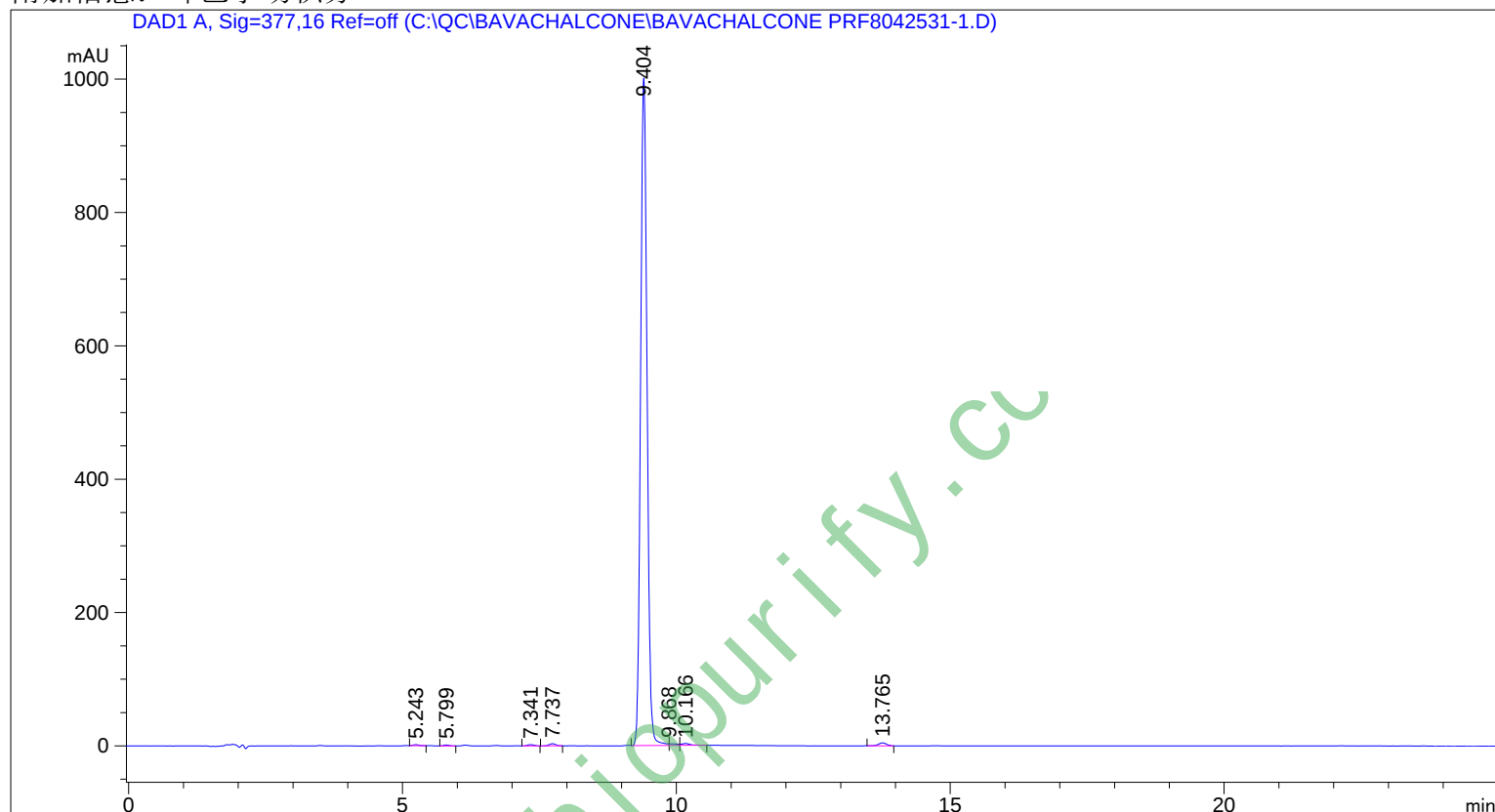
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操作者 : DYZG ZHI BEI
仪器 : 仪器 1
进样日期 : 2017-4-25 16:33:49
位置 : 样品瓶 13
进样量 : 10.0 µl

采集方法 : C:\QC\BAVACHALCONE.M
最后修改 : 2017-4-25 16:24:54 : DYZG ZHI BEI
(调用后修改)

分析方法 : C:\QC\BAVACHALCONE.M
最后修改 : 2017-4-25 17:01:48 : DYZG ZHI BEI
(调用后修改)

附加信息: 峰已手动积分



面积百分比报告

排序 : 信号
乘积因子: 1.0000
稀释因子: 1.0000
内标使用乘积因子和稀释因子

信号 1: DAD1 A, Sig=377,16 Ref=off

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	5.243	MM R	0.1112	10.75984	1.57780	0.1277
2	5.799	MM R	0.1099	9.36534	1.42053	0.1111
3	7.341	VB	0.1219	16.19988	2.05590	0.1922
4	7.737	MM R	0.1367	27.37656	3.33828	0.3248
5	9.404	MF R	0.1362	8264.39453	1001.51556	98.0517
6	9.868	MF R	0.1272	24.36611	2.38526	0.2891
7	10.166	FM R	0.1824	30.32524	2.77035	0.3598
8	13.765	MM R	0.1701	45.82300	4.49066	0.5437

总量 : 8428.61050 1019.55435

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*** 报告结束 ***

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