

产品分析证书 Certificate of Analysis

中文名称: 鸦胆子苦素 H

English Name: Bruceine H

别名 (Alias): (-)-13,20-Epoxy-1 β ,11 β ,12 α ,14,15 β ,21-hexahydroxypicrasa-3-ene-2,16-dione

产品编码 (Cat. No.): BP3922

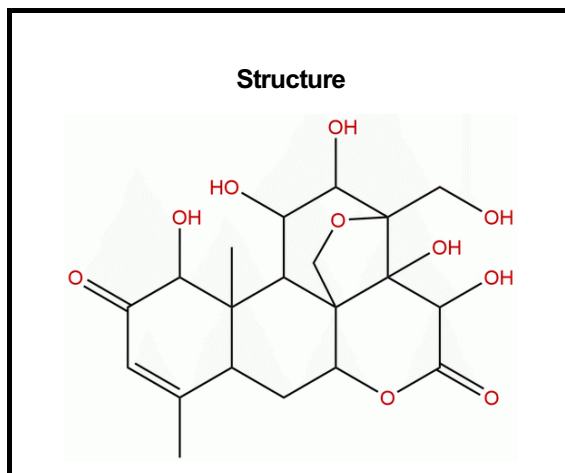
CAS Number: 95258-14-3

分子式 (M. F.): C₂₀H₂₆O₁₀

分子量 (M. W.): 426.418

批号 (Batch No.): PRF8042126

报告日期 (Report date): 2017-04-21



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	Off-white powder	Off-white powder
纯度 Purity (HPLC-DAD, 245nm)*	≥98.0%	99.60%
质谱 Mass	426.4±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.5%

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

检测方法 (Test Method): Column: Agilent 5TC-C18, 4.6*150mm; Column temperature: 30°C; Detection Mode: UV245nm; Flow Rate: 1.0ml/min;

Sample dissolution: 10% Methanol in water; Mobile Phase: A: 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B, 5%-15%, 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 (2019-04-20) under conditions list above.

QC: Zhang Ling

Date: 2017-04-21

QA: Wu Qi

Date: 2017-04-21

备注 (Remarks): The sample solutions should be prepared and used on the day of analysis. 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.

Tel: +86-28-82633397 Fax: +86-28-82633165

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

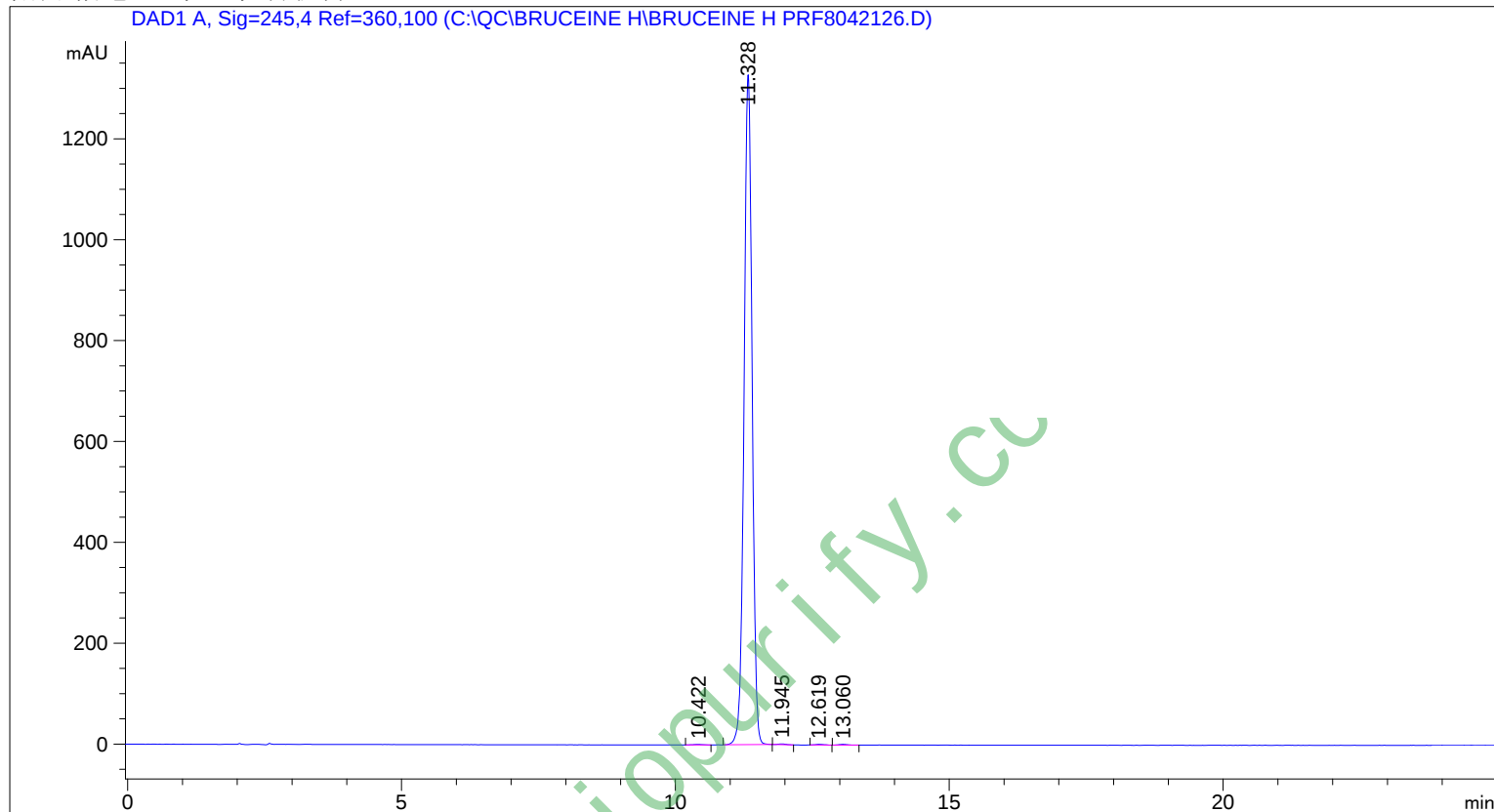
样品名称: 0

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操作者 : DYZG ZHI BEI
仪器 : 仪器 1 位置 : 样品瓶 1
进样日期 : 2017-4-21 15:51:04
进样量 : 10.0 µl

采集方法 : C:\QC\BRUCEINE H.M
最后修改 : 2017-4-21 15:40:16 : DYZG ZHI BEI
分析方法 : C:\QC\BRUCEINE H.M
最后修改 : 2017-4-21 16:21:12 : DYZG ZHI BEI
(调用后修改)

附加信息: 峰已手动积分

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面积百分比报告
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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=245,4 Ref=360,100

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	10.422	BB	0.1523	11.36150	9.87055e-1	0.0833
2	11.328	BB	0.1592	1.35811e4	1329.20044	99.6030
3	11.945	BB	0.1537	15.11822	1.52454	0.1109
4	12.619	BB	0.1368	13.75465	1.32868	0.1009
5	13.060	BB	0.1424	13.89561	1.39308	0.1019

总量 : 1.36352e4 1334.43379

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*** 报告结束 ***