

产品分析证书 Certificate of Analysis

中文名称: 鸦胆子苦素D

English Name: Bruceine D

别名 (Alias):

产品编码 (Cat. No.): BP3461

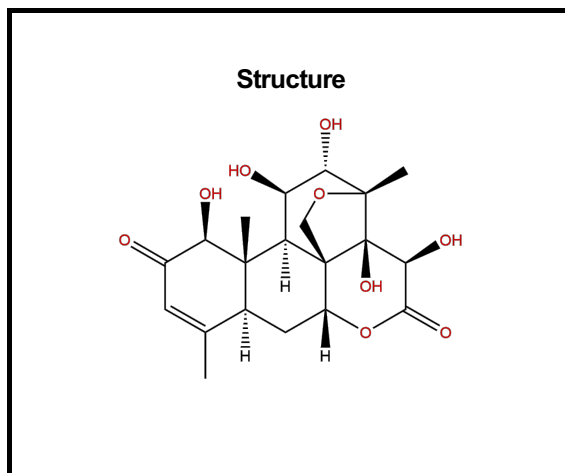
CAS Number: 21499-66-1

分子式 (M. F.): C₂₀H₂₆O₉

分子量 (M. W.): 410.419

批号 (Batch No.): PRF8031427

报告日期 (Report date): 2017年3月14日



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 solid	Off-white solid
干燥失重 Loss on drying	<3.0%	1.09%
纯度 Purity (HPLC-DAD, 245nm)*	≥95.0%	96.04%
质谱 Mass	410.419±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 BDS Hypersil C18, 4.6*100mm, 2.4μm; Column temperature: 30°C; Detection Mode: UV245nm

Flow Rate: 0.8ml/min; Sample dissolution: Methanol; Mobile Phase: A 0.1% Phosphate 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 (2019-03-13) under conditions list above.

QC: Zhang Ling

Date: 2017年3月14日

QA: Wu Qi

Date: 2017年3月14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.



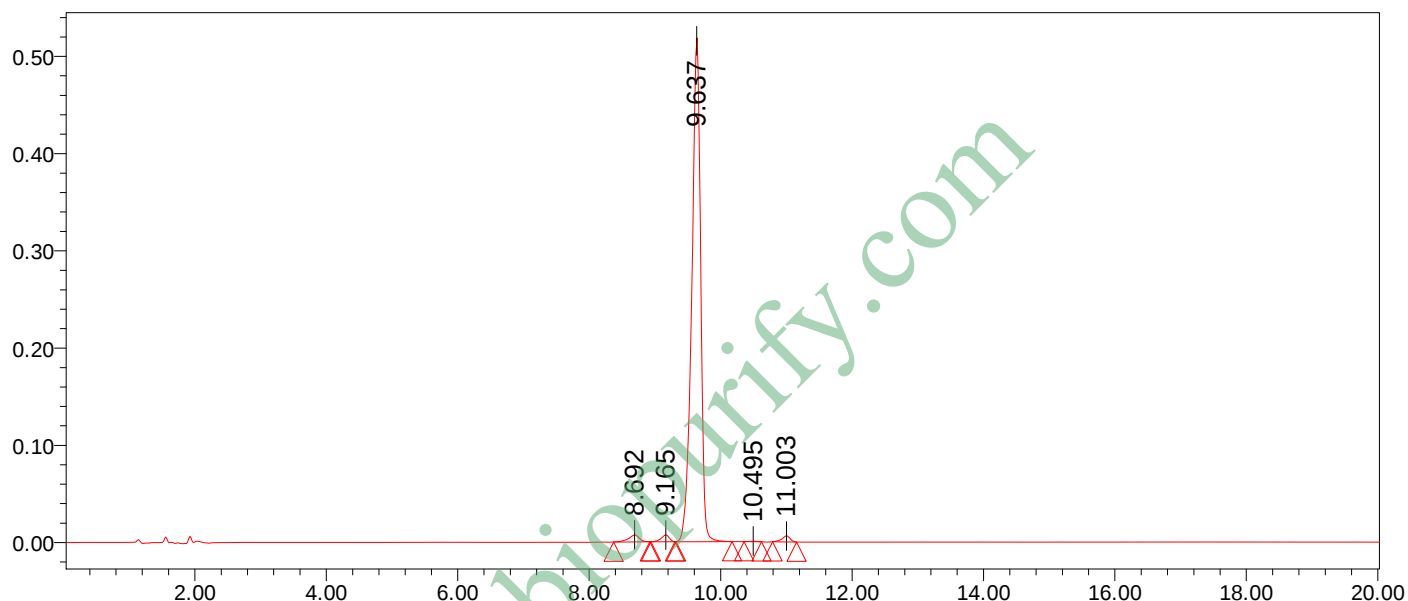
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Bruceine D PRF8031427	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	46	Acq. Method Set:	Bruceine D
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	245.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 245.0 nm
Date Acquired:	2017-3-14 14:51:42 CST		
Date Processed:	2017-3-14 15:21:52 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.692	81843	1.62	13388.83	
2	9.165	60157	1.19	25828.51	1.72
3	9.637	4849507	96.04	24881.70	1.94
4	10.495	5090	0.10	33063.86	3.57
5	11.003	52711	1.04	37122.25	2.17