

产品分析证书
Certificate of Analysis

中文名称: 石杉碱乙

English Name: Huperzine B

别名 (Alias): Fordimine

产品编码 (Cat. No.): BP0741

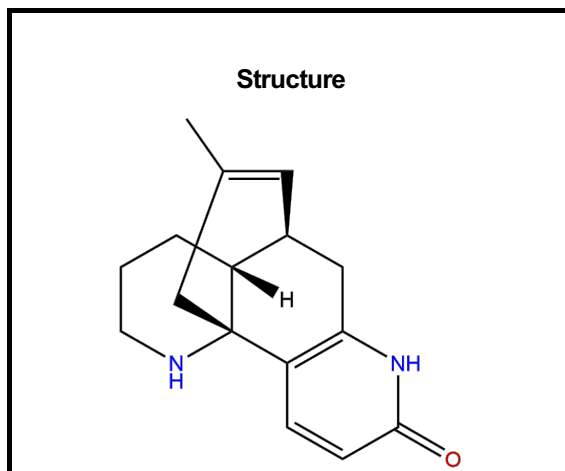
CAS Number: 103548-82-9

分子式 (M. F.): C₁₆H₂₀N₂O

分子量 (M. W.): 256.349

批号 (Batch No.): PRF8033024

报告日期 (Report date): 2017-03-30



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	Beige powder	Beige powder
干燥失重 Loss on drying	<3.0%	1.46%
纯度 Purity (HPLC-DAD, 309nm)*	≥97.0%	97.87%
质谱 Mass	256.349±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 Hypersil GOLD AQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV309nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Triethylamine- Phosphoric acid in Water (PH=7) B, Acetonitrile; Gradient elution: B, 10%-30%, 15min.

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

复测期 (Retest date): two years (2019-03-29) under conditions list above.

QC: Zhang Ling

Date: 2017-03-30

QA: Wu Qi

Date: 2017-03-30

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.

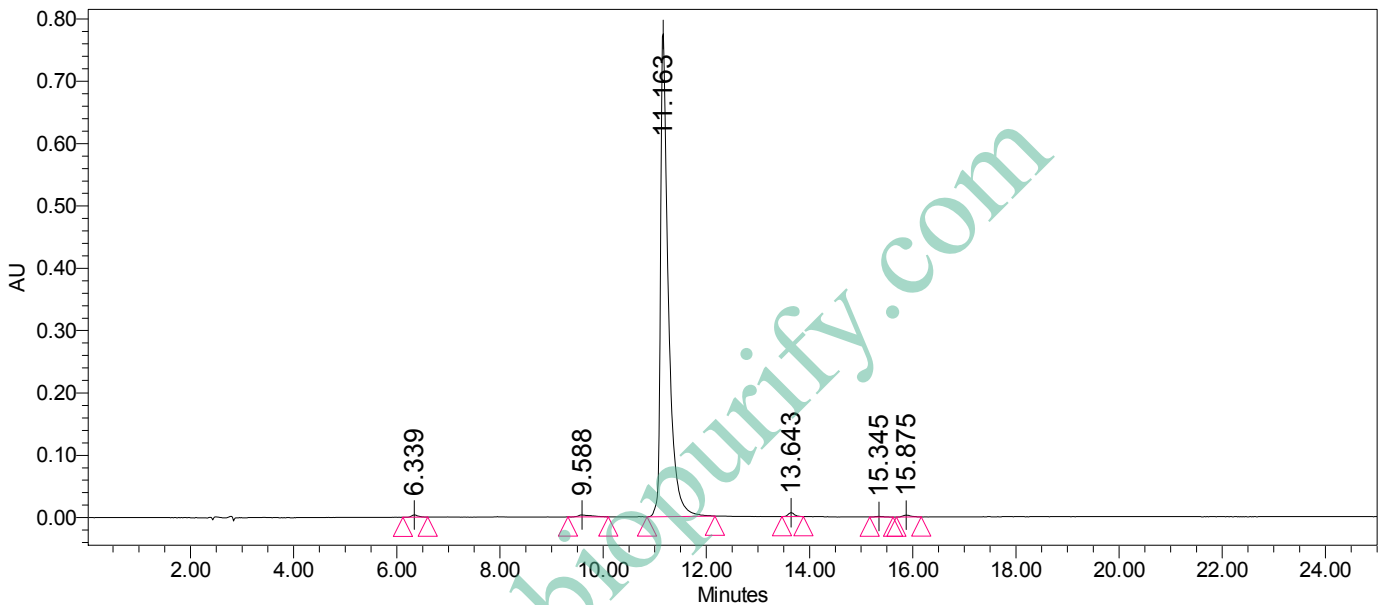
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Huperzine B PRF8033024	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	103	Acq. Method Set:	Huperzine B
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	309.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 309.0 nm
Date Acquired:	2017-3-30 14:42:45 CST		
Date Processed:	2017-3-30 15:40:52 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		6.339	30962	0.37	15351.8	
2		9.588	52626	0.63	4008.5	9.1
3		11.163	8234132	97.87	29755.4	4.2
4		13.643	53407	0.63	58469.4	9.8
5		15.345	9825	0.12	53032.2	5.3
6		15.875	32247	0.38	51765.8	1.5