

产品分析证书 Certificate of Analysis

中文名称: 中乌头碱

English Name: Mesaconitine

别名 (Alias): N-Desethyl-N-methylaconitine; Japaconitine A; Japaconitine B

产品编码 (Cat. No.): BP0935

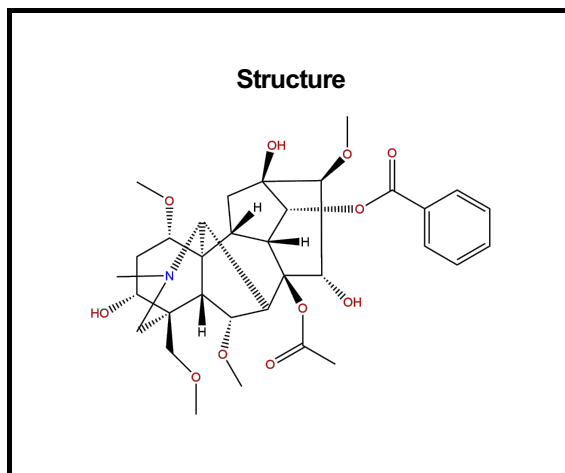
CAS Number: 2752-64-9

分子式 (M. F.): C₃₃H₄₅NO₁₁

分子量 (M. W.): 631.719

批号 (Batch No.): PRF8030941

报告日期 (Report date): 2017年3月09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 powder	Off-white powder
干燥失重 Loss on drying	<3.0%	1.21%
纯度 Purity (HPLC-DAD, 233nm)*	≥98.0%	99.43%
质谱 Mass	631.719±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*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV233nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A Triethylamine- Phosphate acid in Water (PH=7) B, Acetonitrile; Gradient elution: B, 35%-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 (2019-03-08) under conditions list above.

QC: Zhang Ling

Date: 2017年3月09日

QA: Wu Qi

Date: 2017年3月09日

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

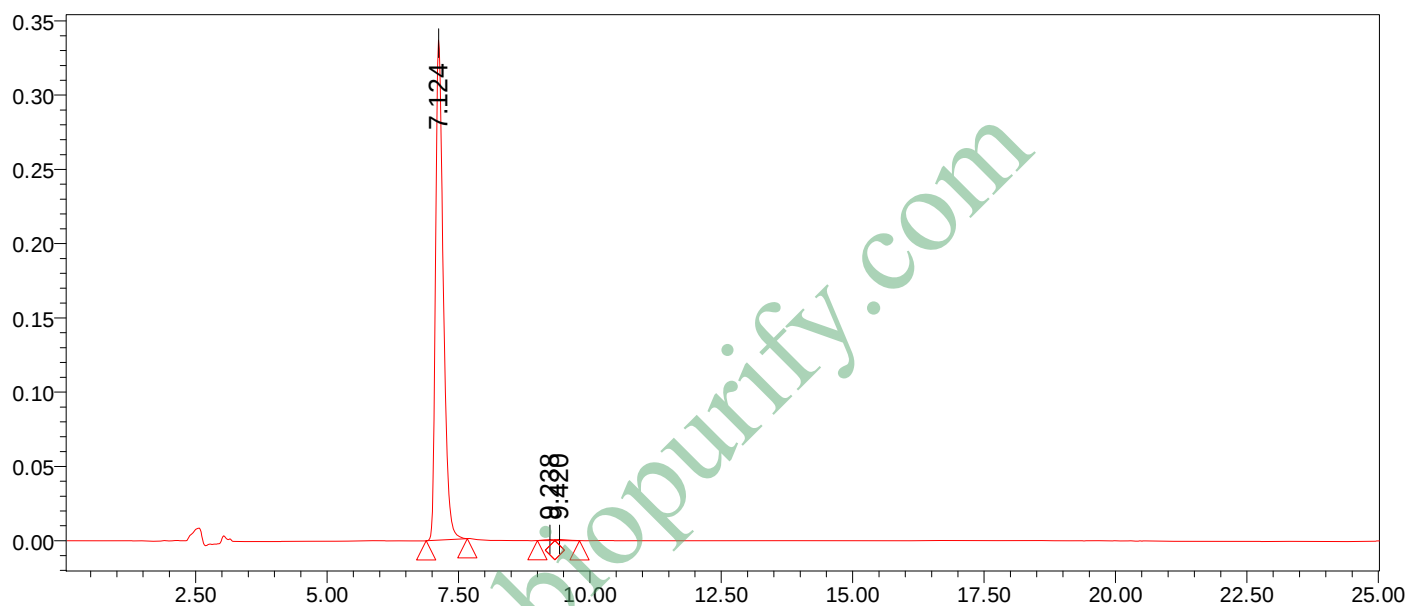
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Mesaconitine PRF8030941	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	82	Acq. Method Set:	Mesaconitine
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	233.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 233.0 nm
Date Acquired:	2017-3-9 16:32:15 CST		
Date Processed:	2017-3-9 17:07:14 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.124	3454642	99.43	10990.05	
2	9.238	8300	0.24		
3	9.420	11546	0.33		