

产品分析证书
Certificate of Analysis

中文名称: 氢溴酸高乌甲素

English Name: Lappaconitine hydrobromide

别名 (Alias): Allapinin; Allapinin

产品编码 (Cat. No.): BP0843

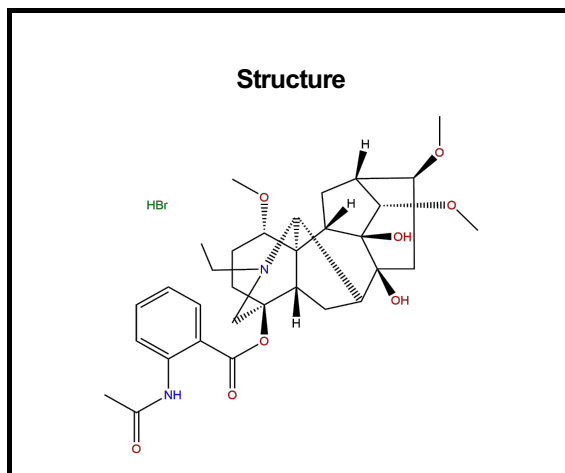
CAS Number: 97792-45-5

分子式 (M. F.): C₃₂H₄₅BrN₂O₈

分子量 (M. W.): 665.622

批号 (Batch No.): PRF8030247

报告日期 (Report date): 2017年3月2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%	0.93%
纯度 Purity (HPLC-DAD, 252nm)*	≥90.0%	92.75%
质谱 Mass	665.622±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: Agilent TC-C18, 4.6*150mm, 3.0um; Column temperature: 30°C; Flow Rate: 1.0ml/min; Detection

Mode: UV252nm; Sample dissolution: 50% Methanol; Mobile Phase: A, Triethylamine-Phosphoric acid in Water (PH=7) B, Acetonitrile;

Gradient elution: B, 40%-65%, 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 (2019-03-01) under conditions list above.

QC: Zhang Ling
Date: 2017年3月2日



QA: Wu Qi
Date: 2017年3月2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.

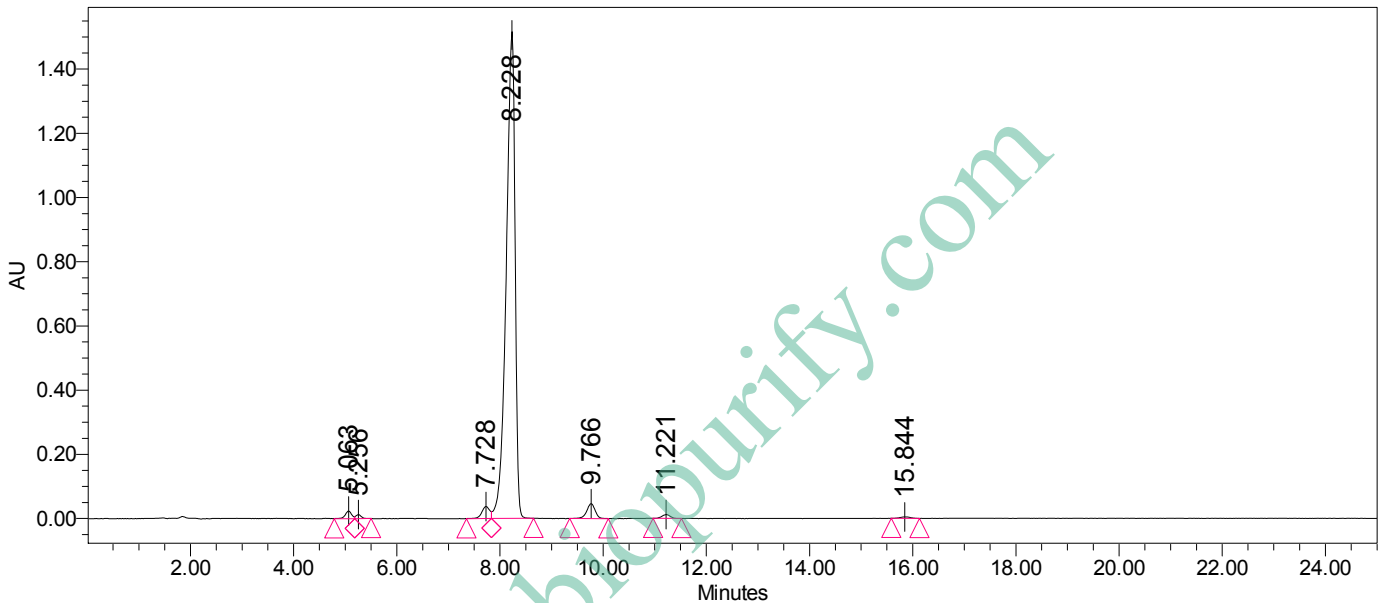
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	PRF8030247	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	97	Acq. Method Set:	Lappaconitine hydrobromide
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	252.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 252.0 nm
Date Acquired:	2017-3-2 15:10:15 CST		
Date Processed:	2017-3-2 15:46:50 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		5.063	202492	1.04	8266.7	
2		5.256	88542	0.45	8512.1	0.9
3		7.728	395055	2.02		
4		8.228	18140605	92.75	10714.9	
5		9.766	527122	2.70	18100.4	4.9
6		11.221	135266	0.69	22274.5	4.9
7		15.844	69287	0.35	25505.8	13.0