

产品分析证书
Certificate of Analysis

中文名称: 盐酸小檗碱

English Name: Berberine hydrochloride

别名 (Alias): Berberinium chloride

产品编码 (Cat. No.): BP0252

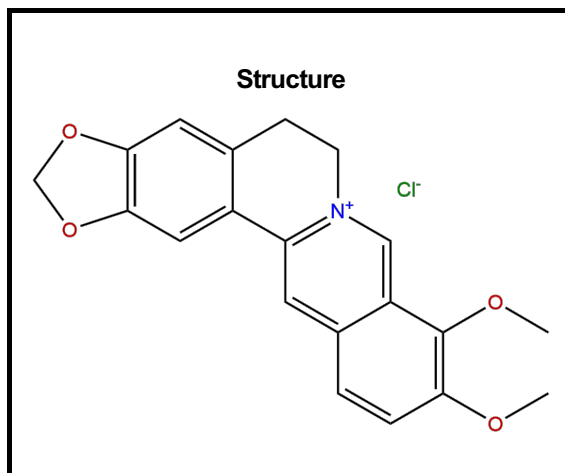
CAS Number: 633-65-8

分子式 (M. F.): C₂₀H₁₈ClNO₄

分子量 (M. W.): 371.817

批号 (Batch No.): PRF8040742

报告日期 (Report date): 2017-04-07



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	Yellow powder	Yellow powder
干燥失重 Loss on drying	<3.0%	1.3%
纯度 Purity (HPLC-DAD, 347nm)*	≥98.0%	99.08%
质谱 Mass	371.817±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 5TC-C18, 4.6*150mm; Column temperature: 30°C; Detection Mode: UV347nm; Flow Rate: 1.0ml/min;

Sample dissolution: Methanol; Mobile Phase: A Triethylamine-phosphoric acid in water (PH=7) B, Acetonitrile; Gradient elution: B, 20%-35%, 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 (2019-04-06) under conditions list above.

QC: Zhang Ling

Date: 2017-04-07

QA: Wu Qi

Date: 2017-04-07

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.

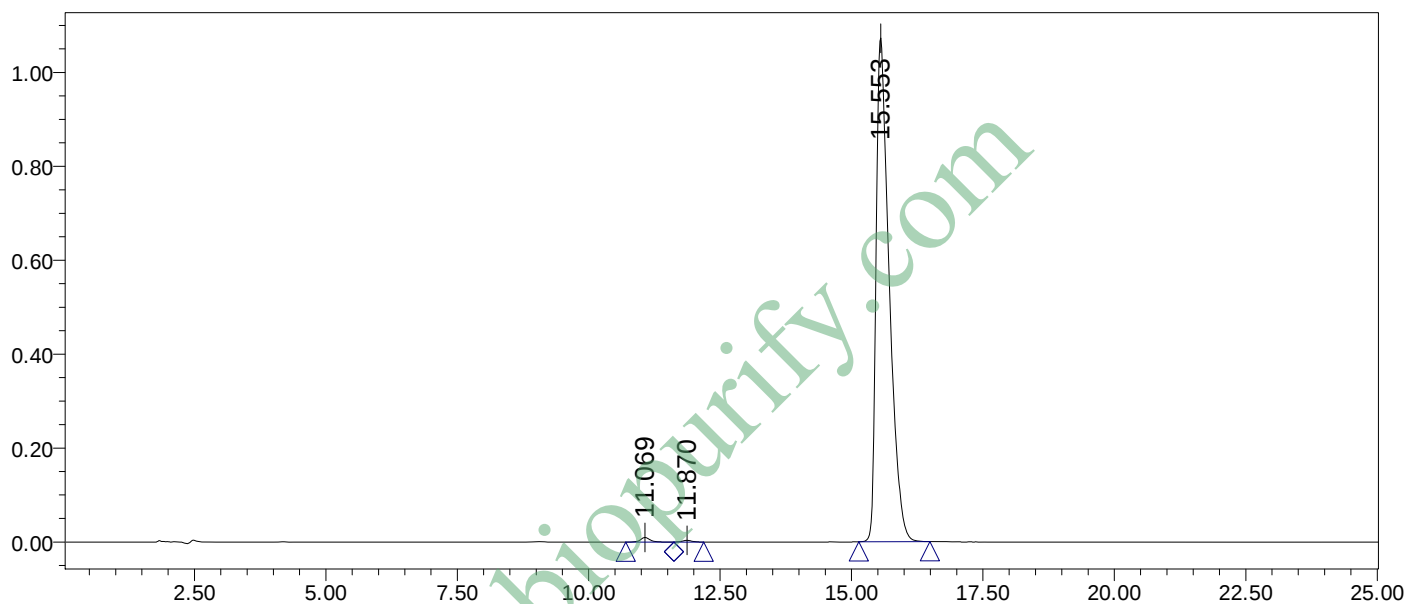
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	PRF8040742	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	20	Acq. Method Set:	Berberine Hydrochloride
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	347.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 347.0 nm
Date Acquired:	2017-4-7 9:38:35 CST		
Date Processed:	2017-4-7 10:11:58 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	11.069	124208	0.66	19307.08	
2	11.870	47613	0.25	19895.84	2.39
3	15.553	18595260	99.08	17612.09	8.97