

产品分析证书
Certificate of Analysis

中文名称：杠柳毒苷

English Name：Periplocin

别名(Alias):

产品编码(Cat. No.):BP1079

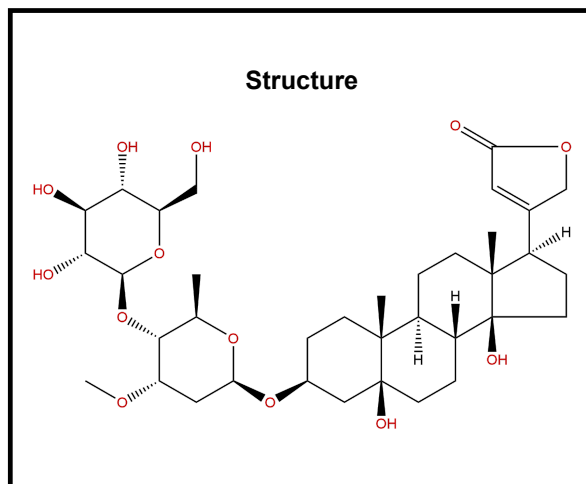
CAS Number: 13137-64-9

分子式(M. F.): C₃₆H₅₆O₁₃

分子量(M. W.): 696.831

批号(Batch No.): PRF8090802

报告日期(Report date): 2017-09-08



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
纯度Purity (HPLC-DAD,220nm)*	≥98.0%	99.74%
质谱Mass	696.8±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	< 3.0%	1.64%
含量Assay	≥94.0%	94.6%

* 色谱图见附件 (Please find HPLC chromatography attached.)

检测方法 (Test Method) : Column: Thermo HyPURITY C18 , 4.6*150mm , 3.0um; Column temperature: 30°C; Detection Mode: UV220nm;
Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water B, Acetonitrile; Gradient elution: B,
20%-35%, 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 (2019-09-07) under conditions list above.

QC: Zhang Ling

Date: 2017-09-08

QA: Wu Qi

Date: 2017-09-08

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.

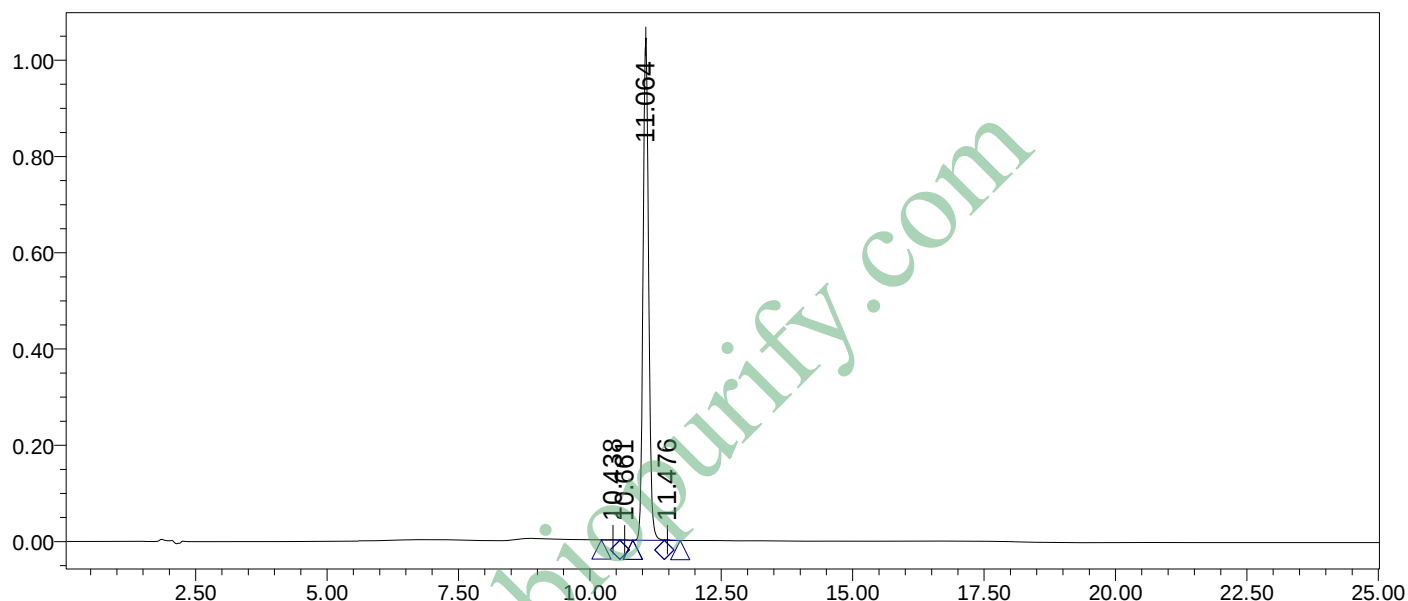
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Periplocin PRF8090802	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	52	Acq. Method Set:	Periplocin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	220.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 220.0 nm
Date Acquired:	2017-9-8 10:21:32 CST		
Date Processed:	2017-9-8 10:48:44 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	10.438	6630	0.09	25570.99	
2	10.661	4013	0.05		
3	11.064	7671434	99.74	52941.03	
4	11.476	9192	0.12		