

产品分析证书
Certificate of Analysis

中文名称: 7-去甲基软木花椒素

English Name: 7-Demethylsuberosin

别名 (Alias):

产品编码 (Cat. No.): BP3977

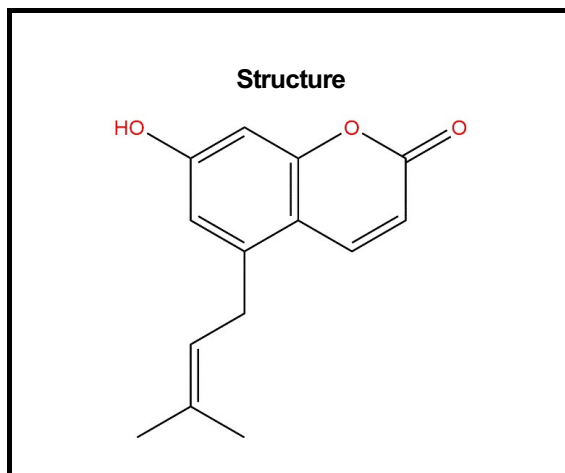
CAS Number: 21422-04-8

分子式 (M. F.): C₁₄H₁₄O₃

分子量 (M. W.): 230.263

批号 (Batch No.): PRF8031623

报告日期 (Report date): 2017-03-16



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%	1.07%
纯度 Purity (HPLC-DAD, 333nm)*	≥98.0%	98.09%
质谱 Mass	230.263±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 HyPURITYC18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV333nm

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphate acid in water B, Acetonitrile; Gradient elution: B, 35%-55%, 15min

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

复测期 (Retest date): two years (2019-03-15) under conditions list above.

QC: Zhang Ling

Date: 2017-03-16

QA: Wu Qi

Date: 2017-03-16

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.

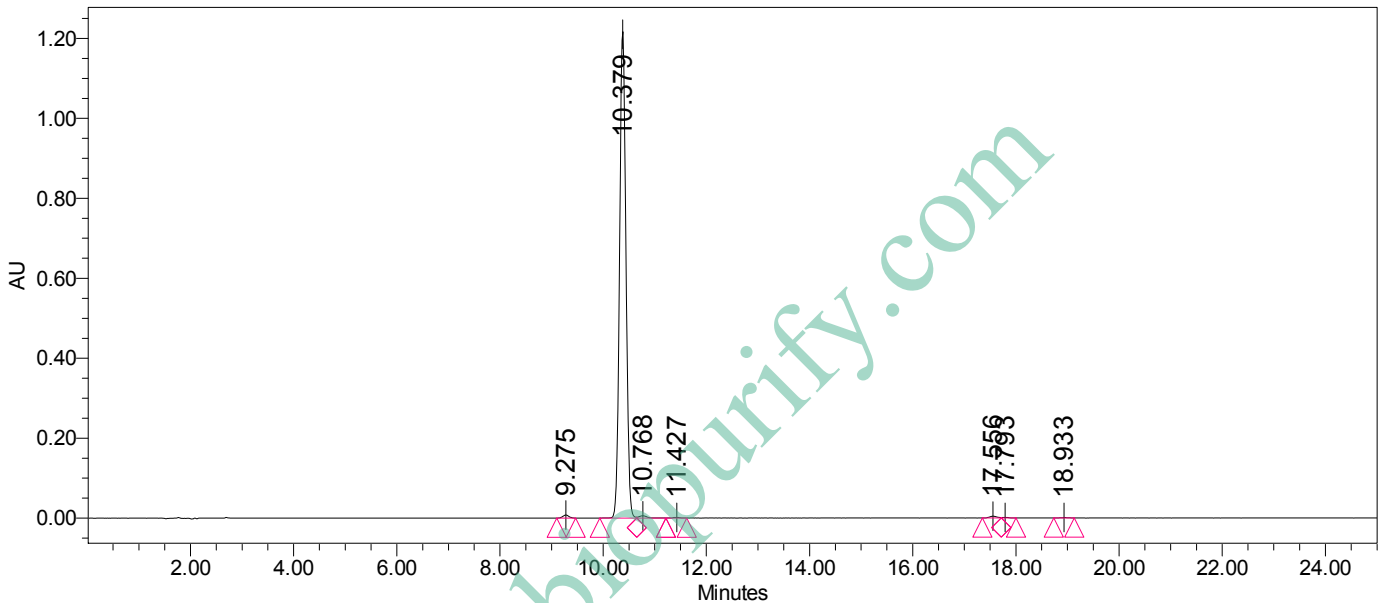
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	7 Demethylsuberosin PRF8031623	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	74	Acq. Method Set:	7 Demethylsuberosin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	333.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 333.0 nm
Date Acquired:	2017-3-16 14:10:54 CST		
Date Processed:	2017-3-16 14:49:22 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.275	61725	0.58	28087.0	
2		10.379	10400091	98.09	33578.4	4.9
3		10.768	60171	0.57	22833.5	1.5
4		11.427	14059	0.13	32827.5	2.5
5		17.556	44466	0.42	60537.7	25.3
6		17.793	10530	0.10		0.9
7		18.933	11471	0.11	84112.6	3.3