

产品分析证书
Certificate of Analysis

中文名称: 远志山酮III

English Name: Polygalaxanthone III

别名 (Alias):

产品编码 (Cat. No.): BP1123

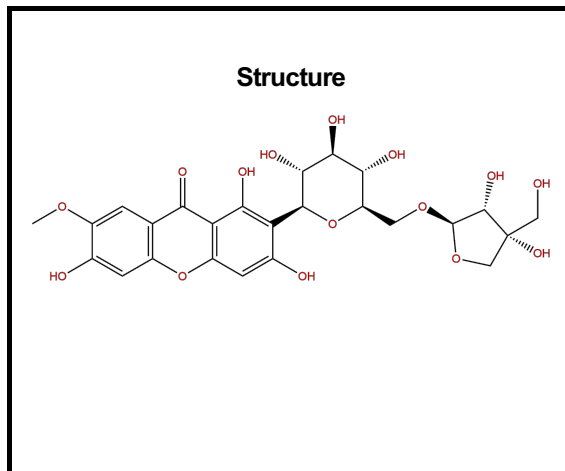
CAS Number: 162857-78-5

分子式 (M. F.): C₂₅H₂₈O₁₅

分子量 (M. W.): 568.484

批号 (Batch No.): PRF20030642

报告日期 (Report date): 2020-03-06



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	Light yellow powder	Light yellow powder
干燥失重 Loss on drying	<3.0%	2.1%
纯度 Purity (HPLC-DAD, 320nm)*	≥98.0%	98.04%
质谱 Mass	568.4±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

检测方法 (Test Method): Column: Thermo BDS Hypersil C18 4.6*100mm, 2.4μm; Column temperature: 30℃; Detection Mode: UV320nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A: Acetonitrile B: 0.1% Phosphoric acid in water; Gradient elution: A, 5%-20%, 15min.

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

复测期 (Retest date): Three years (2023-03-05) under conditions list above.

QC: Zhang Ling

Date: 2020-03-06

QA: Meng Pan

Date: 2020-03-06

备注 (Remarks): The sample solutions should be prepared and used immediately. 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℃. Generally, these might be useable for up to two weeks. The quality of the product is only guaranteed to comply with the attached COA.

In case of quality issue, please contact us within 30 days after receipt of the product.

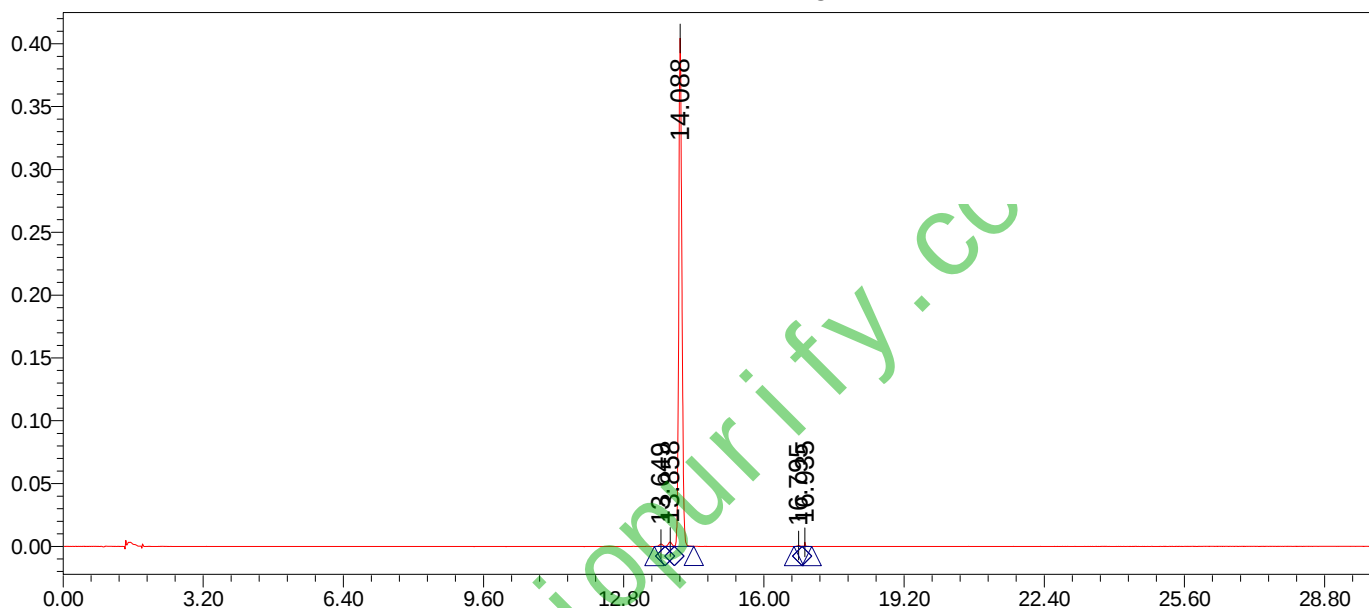
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	PolygalaxanthoneIIIPRF20030642	Acquired By:	prf01
Sample Type:	未知	Sample Set Name:	
Vial:	84	Acq. Method Set:	Polygalaxanthone III
Injection #:	1	Processing Method:	sample
Injection Volume:	10.00 ul	Channel Name:	320.0 纳米
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 320.0 纳米
Date Acquired:	2020-3-6 11:36:19 CST		
Date Processed:	2020-3-6 12:59:13 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	高度 (微伏)	USP 分离度	USP 理论塔板数
1	13.649	11349	0.55	2027		128094.25
2	13.858	20538	1.00	3563	1.41	125840.46
3	14.088	2022650	98.04	404404	1.61	183803.69
4	16.795	3948	0.19	764	18.44	201558.36
5	16.935	4500	0.22	3369	1.58	14893598.21

Reported by User: prf01 (prf01)

Report Method: Chengdu

Report Method ID: 7810

Page: 1 (共计 1)

Project Name: 2020

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