

产品分析证书 Certificate of Analysis

中文名称: 异紫花前胡内酯异戊烯酸酯

English Name: Isopropylidenylacetyl-marmesin

别名 (Alias): (+-)-Prantschimgin; (+-)-Prantschimgin; (-)-prantschimgin; (-)-prantschimgin; 2-[1-methyl-1-(3-methyl-but-2-enoyloxy)-ethyl]-2,3-dihydro-furo[3,2-g]chromen-7-one; 2-[1-methyl-1-(3-methyl-but-2-enoyloxy)-ethyl]-2,3-dihydro-furo[3,2-g]chromen-7-one; Isopropylidenylacetyl-marmesin; Isopropylidenylacetyl-marmesin; Pramchingin; Pramchingin; pranchimgin; pranchim

产品编码 (Cat. No.): BP4015

CAS Number: 35178-20-2

分子式 (M. F.): C₁₉H₂₀O₅

分子量 (M. W.): 328.364

批号 (Batch No.): PRF8053122

报告日期 (Report date): 2017-05-31

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%	1.72%
纯度 Purity (HPLC-DAD, 329nm)*	≥95.0%	97.30%
质谱 Mass	328.3±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 Hypersil GOLD AQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV329nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water B, Acetonitrile; Gradient elution: B, 45%/55%, 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 (2019-05-30) under conditions list above.

QC: Zhang Ling

Date: 2017-05-31

QA: Wu Qi

Date: 2017-05-31

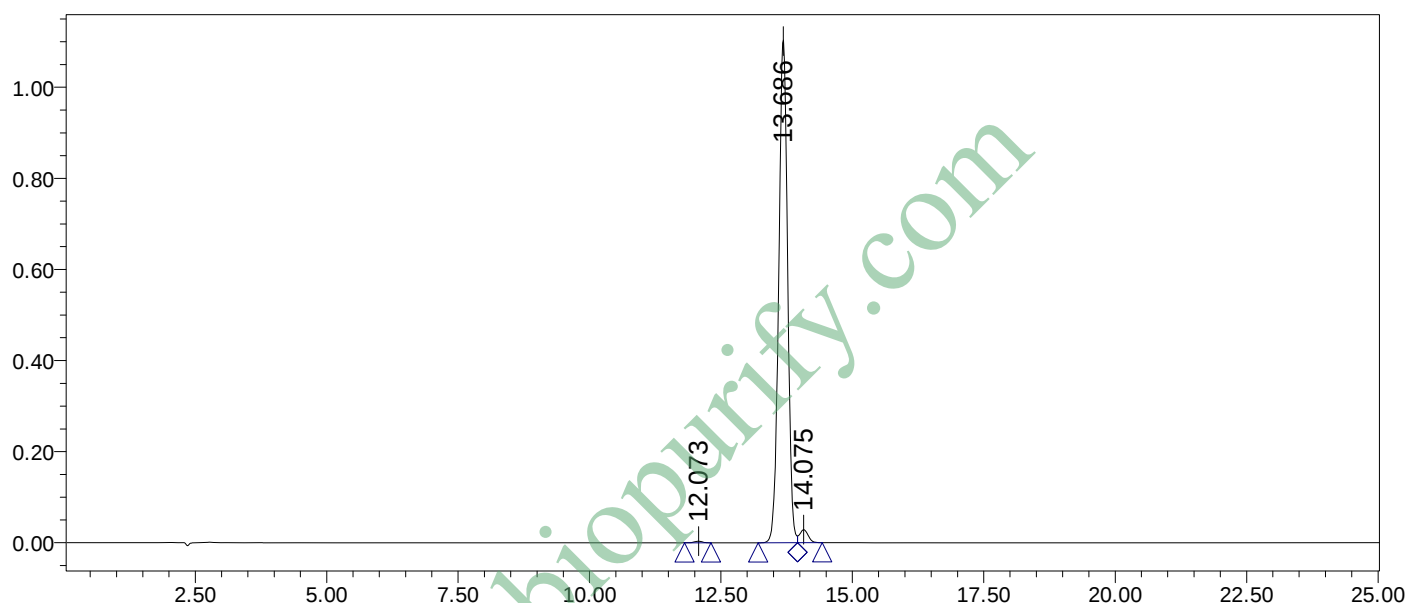
备注 (Remarks): The sample solutions should be prepared and used on the day of receipt. It is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.

In case of quality issue, please contact us within 15 days after receipt of the product.

SAMPLE INFORMATION

Sample Name:	PRF8053122	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	1	Acq. Method Set:	Isopropylidenylacetyl-marmesin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	329.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 329.0 nm
Date Acquired:	2017-5-31 12:17:07 CST		
Date Processed:	2017-5-31 12:45:40 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	12.073	37038	0.28	29676.35	
2	13.686	12920857	97.30	31510.06	5.40
3	14.075	321260	2.42	24223.83	