

产品分析证书 Certificate of Analysis

中文名称: 旋覆花素

English Name: Inulicin

别名 (Alias): inulicin; (3aS)-3,3a α ,4,5,8,8a α -Hexahydro-4 α -hydroxy-6-(3-acetoxypentyl)-5 α ,7-dimethyl-3-methylene-2H-cyclohepta[b]furan-2-one; (3aS)-6-(3-Acetoxypropyl)-3,3a α ,4,5,8,8a α -hexahydro-4 α -hydroxy-5 α ,7-dimethyl-3-methylene-2H-cyclohepta[b]furan-2-one; Britannilactone; (3aS,4S,7aR)-5-[(1S)-4-(Acetoxy)-1-methylbutyl]-3a,4,7,7a-tetrahydro-4-hydroxy-6-methyl-3-methylene-2(3H)-benzofuranone

产品编码 (Cat. No.): BP0033

CAS Number: 33627-41-7

分子式 (M. F.): C₁₇H₂₄O₅

分子量 (M. W.): 308.36946

批号 (Batch No.): PRF7052741

报告日期 (Report date): 2016/5/27

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	Type of white crystal	Type of white crystal
干燥失重 Loss on drying	<3.0%	1.3%
纯度 Purity (HPLC-DAD, 210nm)*	≥98.0%	99.45%
质谱 Mass	308.374±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

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 (2018-05-26) under conditions list above.

QC: Zhang Ling

Date: 2016年5月27日



QA: Wu Qi

Date: 2016年5月27日

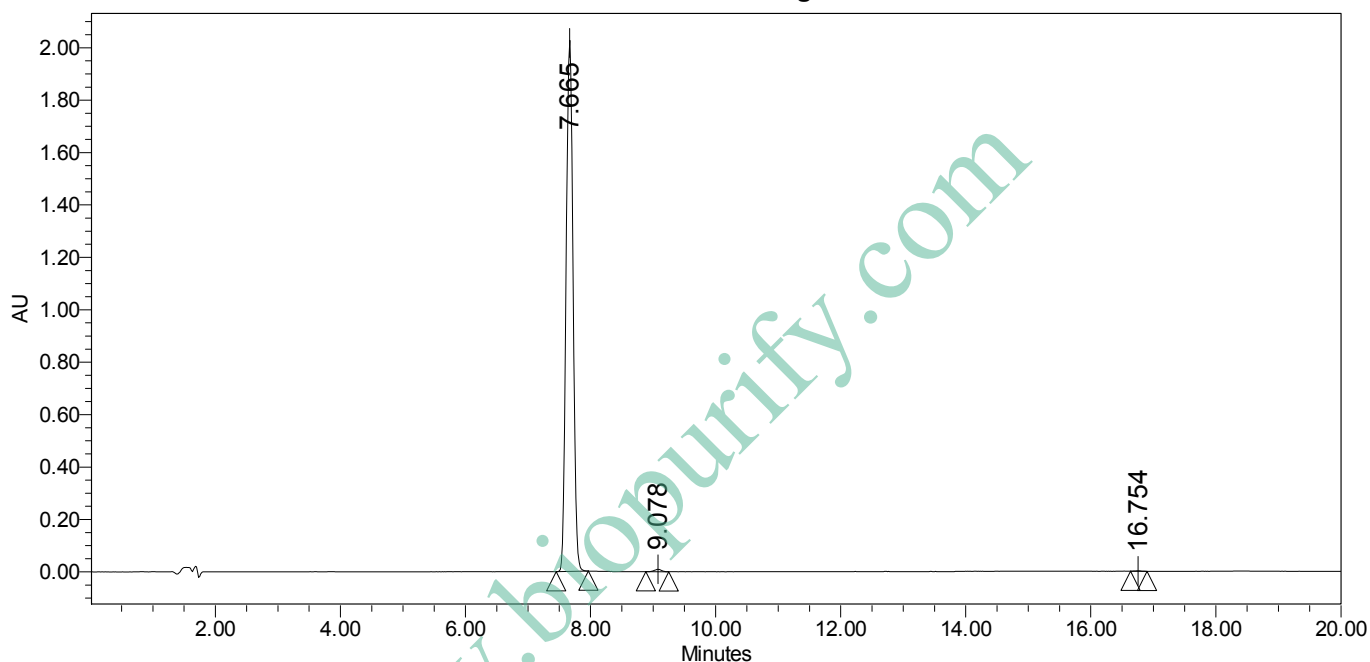
备注 (Remarks): The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for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

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

SAMPLE INFORMATION

Sample Name:	1 0 Acetylbritannilactone	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	12	Acq. Method Set:	1 0 Acetylbritannilactone
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	210.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 210.0 nm
Date Acquired:	2016-5-27 13:14:36 CST		
Date Processed:	2016-5-27 13:47:45 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.665	15497994	99.45	22246.22	
2		9.078	70131	0.45	31359.09	6.80
3		16.754	14803	0.09	128634.87	38.65