

产品分析证书 Certificate of Analysis

中文名称: 三叶豆紫檀苷

English Name: Trifolirhizin

别名 (Alias): Maackiain 3-glucoside

产品编码 (Cat. No.): BP1406

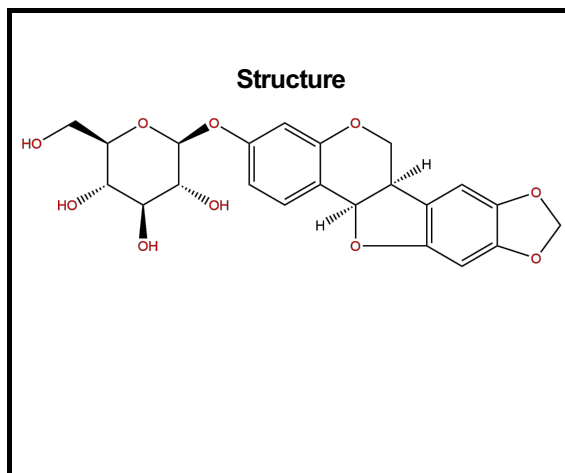
CAS Number: 6807-83-6

分子式 (M. F.): C₂₂H₂₂O₁₀

分子量 (M. W.): 446.408

批号 (Batch No.): PRF8041446

报告日期 (Report date): 2017-04-14



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, 310nm)*	≥98.0%	99.37%
质谱 Mass	446.4±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	2.09%

* 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:

UV310nm; 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 airtight when not in use.

复测期 (Retest date): two years (2019-04-13) under conditions list above.

QC: Zhang Ling

Date: 2017-04-14

QA: Wu Qi

Date: 2017-04-14

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°C. Generally, these might be useable for up to two weeks.

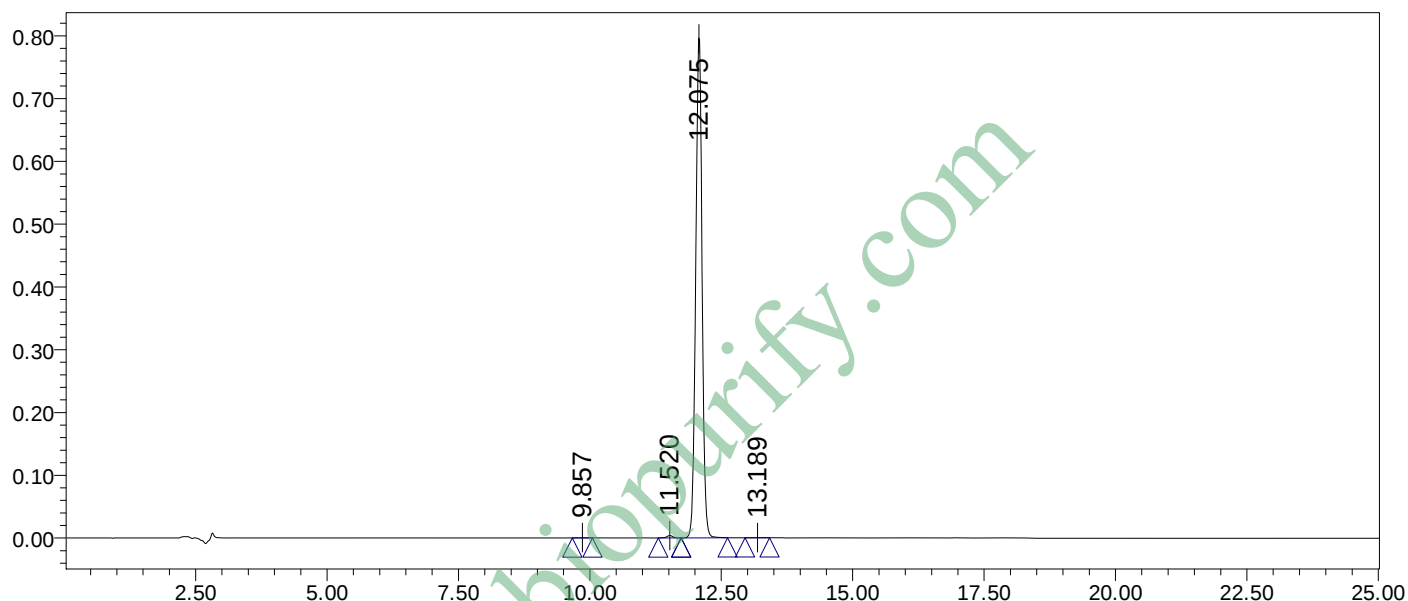
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Trifolirhizin PRF8041446	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	97	Acq. Method Set:	Trifolirhizin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	310.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 310.0 nm
Date Acquired:	2017-4-14 15:11:04 CST		
Date Processed:	2017-4-14 15:48:59 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	9.857	6032	0.09	25197.69	
2	11.520	31348	0.47	45063.31	7.02
3	12.075	6693212	99.37	48855.43	2.51
4	13.189	5198	0.08	30874.29	3.85