

产品分析证书

Certificate of Analysis

中文名称：苯甲酰新乌头原碱

English Name：Benzoylmesaconine

别名(Alias):

产品编码(Cat. No.):BP0246

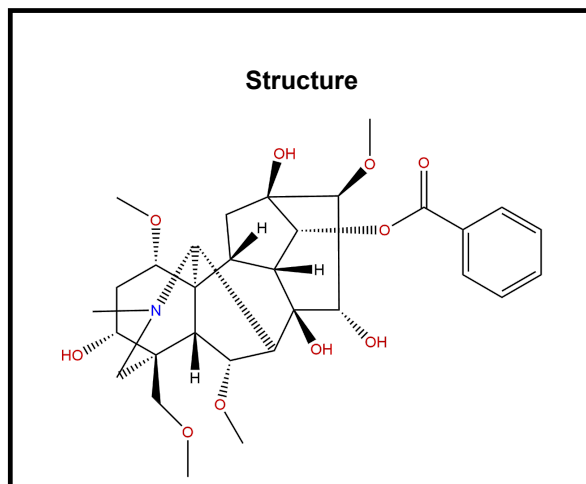
CAS Number: 63238-67-5

分子式(M. F.): C₃₁H₄₃NO₁₀

分子量(M. W.): 589.682

批号(Batch No.): PRF8102522

报告日期(Report date): 2017-10-25



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%	1.7%
纯度Purity (HPLC-DAD,232nm)*	≥98.0%	99.57%
质谱Mass	589.6±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: Agilent 5TC-C18 , 4.6*250mm , 5.0um; Column temperature: 35°C; Detection Mode: UV232nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Triethylamine- Phosphoric acid in Water (PH=7) B, Acetonitrile ; Gradient

elution: B, 24%,0min-20min;24%-54%,20min-30min.

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 (2019-10-24) under conditions list above.

QC: Zhang Ling

Date: 2017-10-25

QA: Wu Qi

Date: 2017-10-25

备注(Remarks): The sample solutions should be prepared 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.

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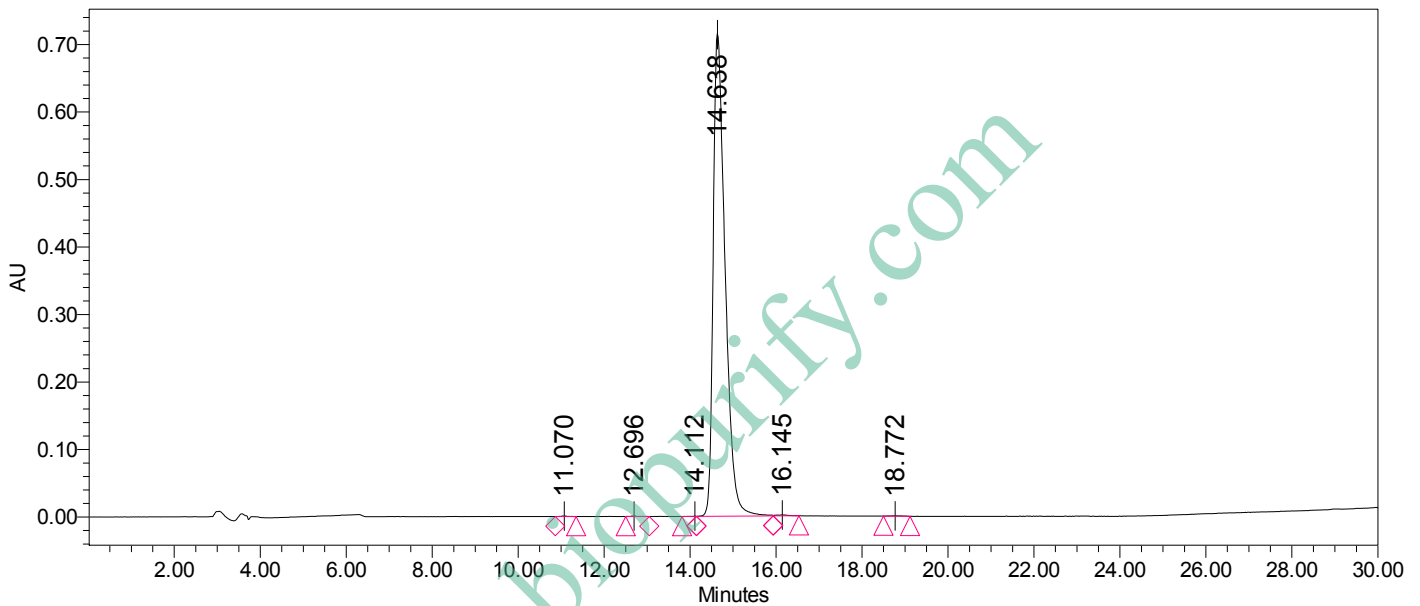
http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com



SAMPLE INFORMATION

Sample Name:	Benzoylmesaconine PRF8102522	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	73	Acq. Method Set:	Benzoylmesaconine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	232.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 232.0 nm
Date Acquired:	2017-10-25 14:37:09 CST		
Date Processed:	2017-10-25 16:39:13 CST		

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	11.070	8058	0.06	23770.9	
2	12.696	8259	0.06	18101.1	5.0
3	14.112	3206	0.02	1422.2	3.9
4	14.638	13794589	99.57	13398.7	1.2
5	16.145	27323	0.20		2.9
6	18.772	13014	0.09	21421.1	4.9