

产品分析证书
Certificate of Analysis

中文名称: 苯甲酰次乌头碱

English Name: Benzoylhypaconine

别名 (Alias): Deacetylhypaconitine

产品编码 (Cat. No.): BP0245

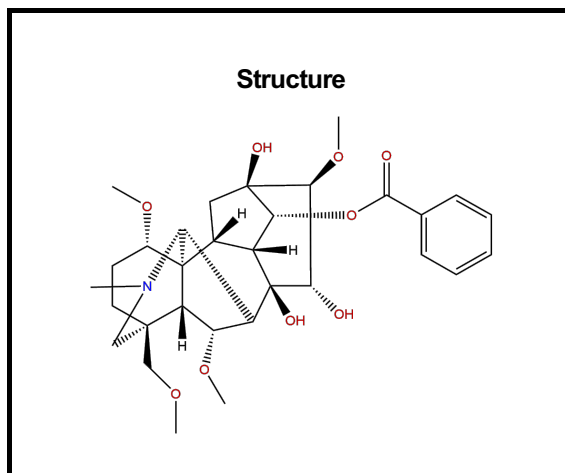
CAS Number: 63238-66-4

分子式 (M. F.): C₃₁H₄₃NO₉

分子量 (M. W.): 573.683

批号 (Batch No.): PRF8030122

报告日期 (Report date): 2017年3月1日



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%	0.82%
纯度 Purity (HPLC-DAD, 233nm)*	≥97.0%	97.86%
质谱 Mass	573.683±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): 色谱柱 (Column Type): Thermo HyPURITY C18, 4.6*150mm, 3.0um; 柱温 (Column temperature)

:30℃; 流速 (Flow Rate): 1.0ml/min; 检测 (Detection Mode and Setting): UV233nm; 样品溶解 (Sample dissolution): Methanol

; 流动相A (Mobilephase A): Triethylamine- Phosphate in Water (PH=7), 流动相B (Mobile phase B): Acetonitrile, 梯度洗脱 (Gradient elution), 比例 (Proportion), B:15%-40%,20min.

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

复测期 (Retest date): two years (2019-02-28) under conditions list above.

QC: Zhang Ling
Date: 2017年3月1日



QA: Wu Qi
Date: 2017年3月1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℃. 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.

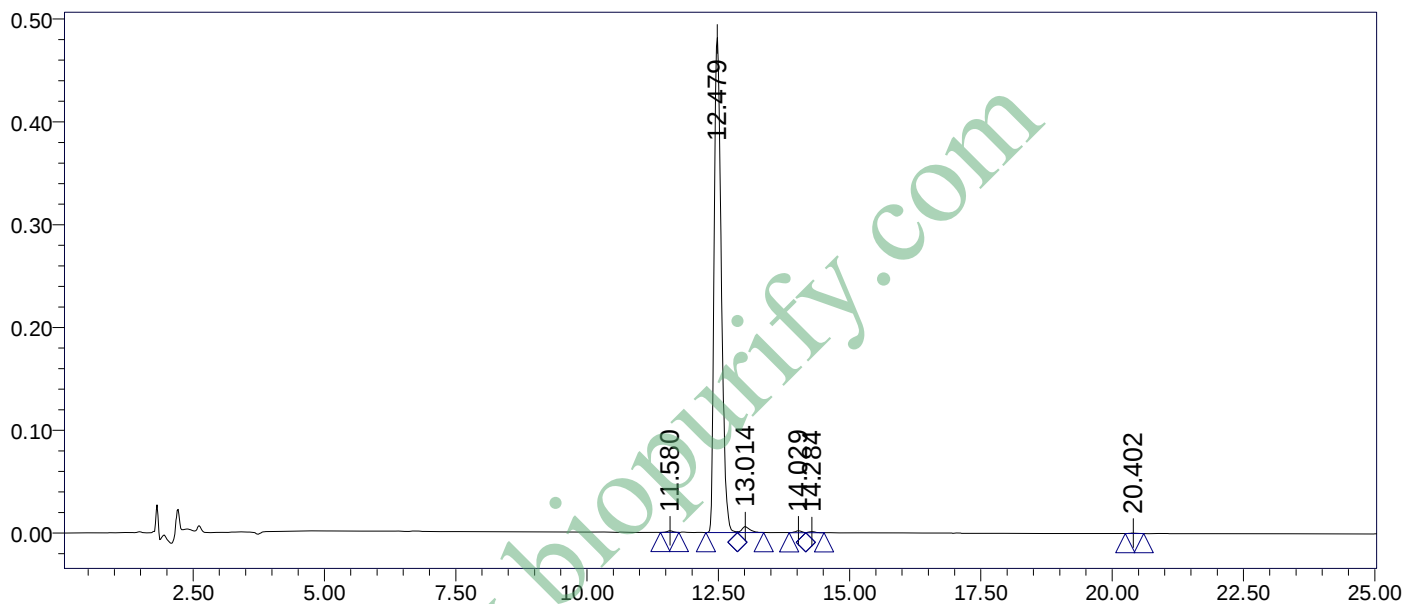
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Benzoylhypaconine	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	23	Acq. Method Set:	Benzoylhypaconine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	233.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 233.0 nm
Date Acquired:	2017-3-1 9:15:58 CST		
Date Processed:	2017-3-1 10:13:43 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	11.580	11253	0.24	49075.02	
2	12.479	4527277	97.86	39725.00	3.87
3	13.014	58829	1.27	37272.18	1.97
4	14.029	15346	0.33	58757.23	3.87
5	14.284	9454	0.20	57868.47	1.06
6	20.402	4279	0.09	109833.73	24.44