

产品分析证书
Certificate of Analysis

中文名称：蜂斗菜内酯

English Name：Bakkenolide A

别名(Alias): Fukinanolide

产品编码(Cat. No.):BP0234

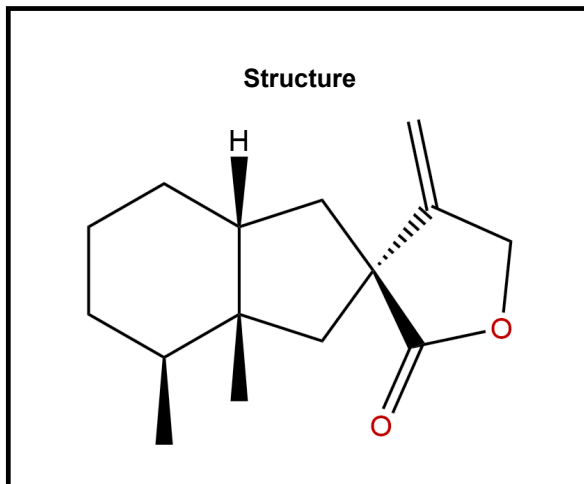
CAS Number: 19906-72-0

分子式(M. F.): C₁₅H₂₂O₂

分子量(M. W.): 234.339

批号(Batch No.): PRF8092841

报告日期(Report date): 2017-09-28



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 solid	Off-white solid
干燥失重Loss on drying	< 3.0%	1.56%
纯度Purity (HPLC-DAD,205nm)*	≥98.0%	99.57%
质谱Mass	234.3±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 BDS Hypersil C18 , 4.6*100mm , 2.4um; Column temperature: 30°C; Detection

Mode: UV205nm; Flow Rate: 0.8ml/min; Sample dissolution: Methanol; Mobile Phase: A, Water B, Acetonitrile; Gradient elution: B, 50%-70%, 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 (2019-09-27) under conditions list above.

QC: Zhang Ling

Date: 2017-09-28

QA: Wu Qi

Date: 2017-09-28

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.

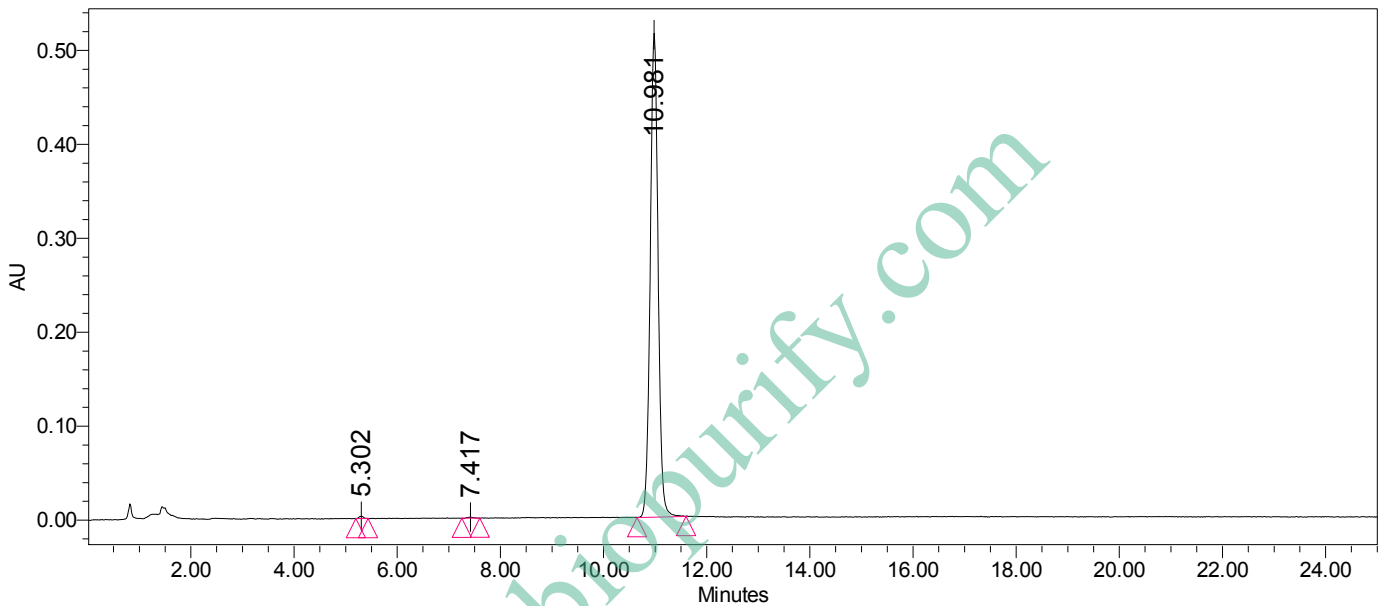
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Bakkenolide A PRF8092841	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	26	Acq. Method Set:	Bakkenolide A
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	205.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 205.0 nm
Date Acquired:	2017-9-28 11:10:24 CST		
Date Processed:	2017-9-28 12:46:26 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		5.302	15573	0.28	17841.2	
2		7.417	8125	0.15	4714.1	11.8
3		10.981	5472915	99.57	24771.5	14.6