

产品分析证书
Certificate of Analysis

中文名称: 野菊花内酯

English Name: Handelin

别名 (Alias): Yejuhua lactone

产品编码 (Cat. No.): BP0696

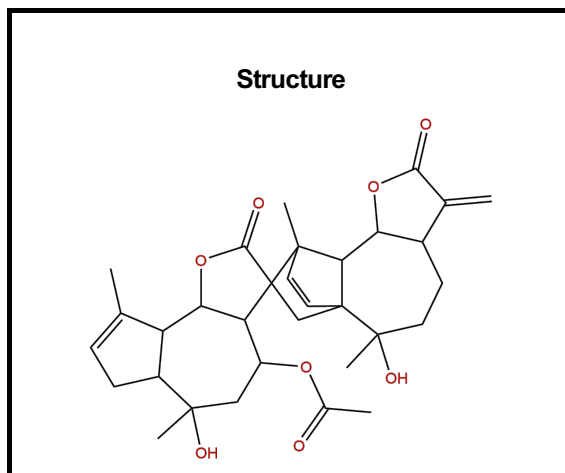
CAS Number: 62687-22-3

分子式 (M. F.): C₃₂H₄₀O₈

分子量 (M. W.): 552.664

批号 (Batch No.): PRF8032541

报告日期 (Report date): 2017-03-25



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 cotton solid	Off-white cotton solid
干燥失重 Loss on drying	<3.0%	1.45%
纯度 Purity (HPLC-DAD, 210nm)*	≥95.0%	95.55%
质谱 Mass	552.664±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 HYPURITY C18, 4.6*150mm3,3.0um; Column temperature: 30°C; Detection Mode: UV210nm

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A Water B, Acetonitrile; Gradient elution: B, 30%-60%, 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 (2019-03-24) under conditions list above.

QC: Zhang Ling

Date: 2017-03-25

QA: Wu Qi

Date: 2017-03-25

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.

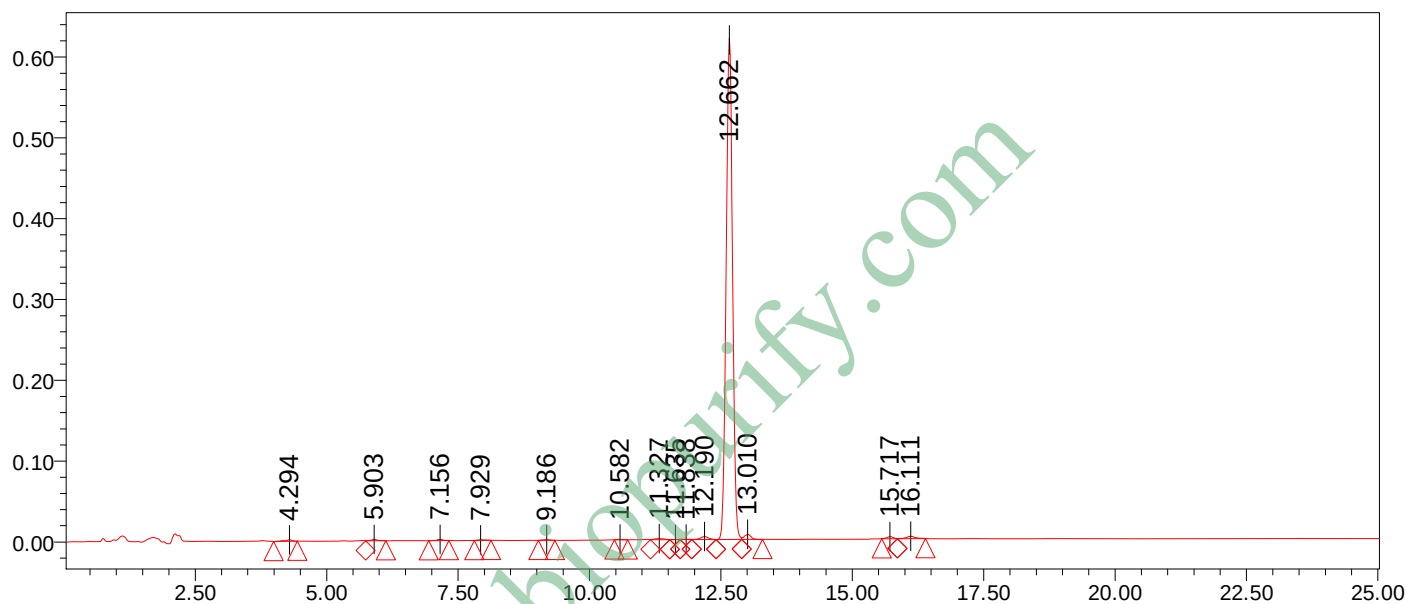
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http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

SAMPLE INFORMATION

Sample Name: Handelin	Acquired By: System
Sample Type: Standard	Sample Set Name:
Vial: 4	Acq. Method Set: Handelin
Injection #: 1	Processing Method: Samples
Injection Volume: 10.00 ul	Channel Name: 210.0nm
Run Time: 25.0 Minutes	Proc. Chnl. Descr.: PDA 210.0 nm
Date Acquired: 2017-3-25 9:34:52 CST	
Date Processed: 2017-3-25 10:14:16 CST	

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	4.294	16472	0.30	6249.55	
2	5.903	15118	0.28	12305.97	3.44
3	7.156	10673	0.20	24472.15	6.11
4	7.929	8031	0.15	11836.07	3.30
5	9.186	5770	0.11	17890.42	4.45
6	10.582	6078	0.11	51283.92	5.99
7	11.327	15345	0.28	22866.20	3.06
8	11.635	3221	0.06	52765.57	1.21
9	11.838	5435	0.10	38095.91	
10	12.190	39838	0.73	31878.25	
11	12.662	5199787	95.55	51454.51	1.85

Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
12	13.010	55699	1.02	47988.96	1.44
13	15.717	23033	0.42	68072.68	10.90
14	16.111	37221	0.68	60519.62	1.50

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