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Certificate of Analysis

Product Name: Methysticin

Other Name:

Catalogue No.: BP0945

Batch No.: 14050511

Report date: 2014-05-05

CAS Number: 495-85-2

Mol. Formula: C₁₅H₁₄O₅

Mol. Weight: 274.272

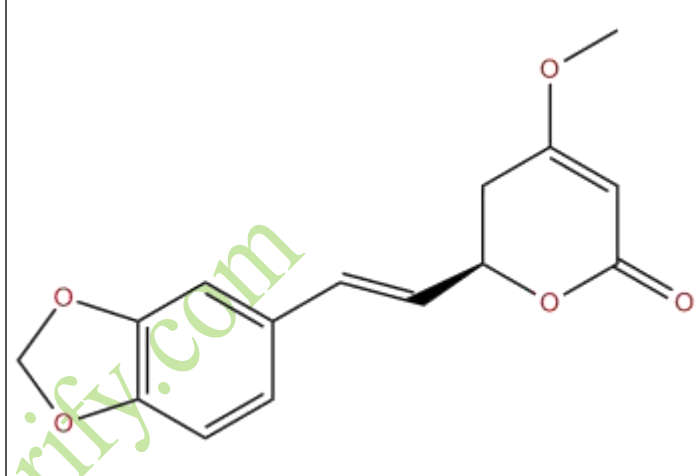
Botanical Source: Piper methysticum (kava)

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC- DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White Powder	White Powder
Loss on drying	<3.0%	1.6%
Purity (HPLC,235nm)*	≥98.0%	99.15%

* Please find HPLC chromatography attached.

Package: Brown vial or HDPE Plastic Bottle

Storage: Cool and Dry place, protected from light, keep package airproofed when not in use.

Expiration: two years (2016-05-05) under conditions list above.

QC: *Meng Pan*

Date: 2014-05-05

QA: *Lianglei Zhang*

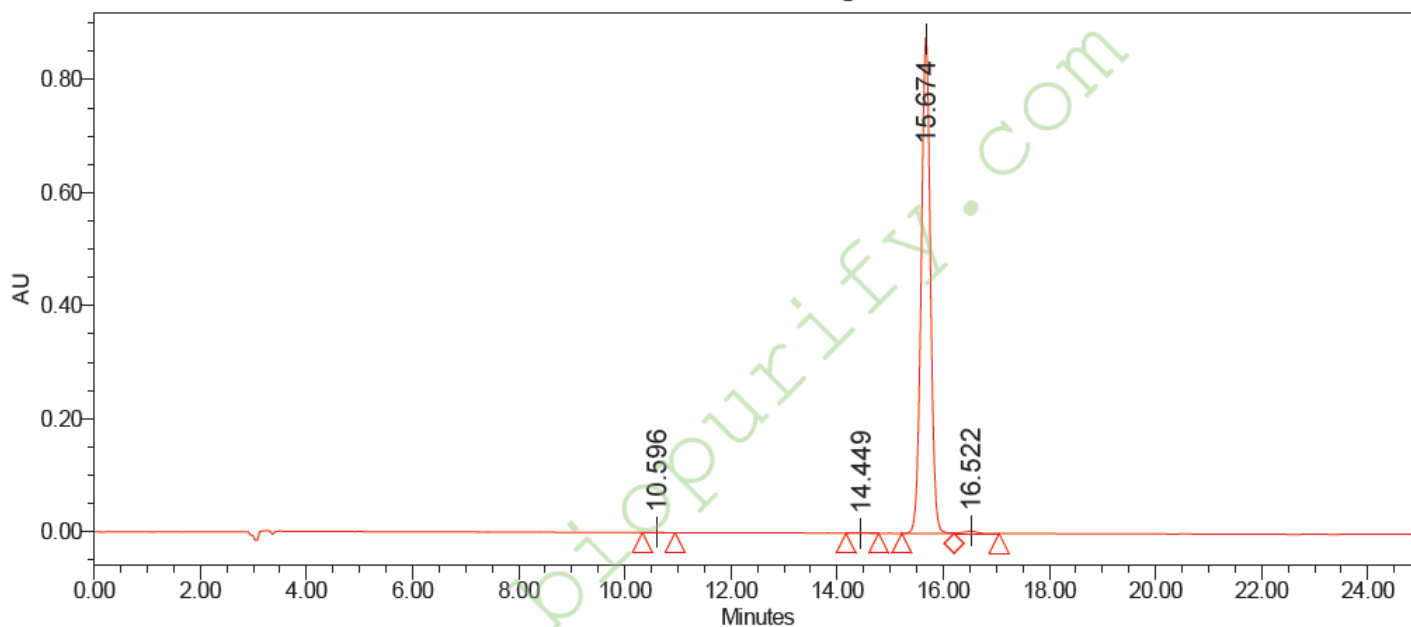
Date: 2014-05-05



SAMPLE INFORMATION

Sample Name:	Methysticin 14050511	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,4	Acq. Method Set:	Methysticin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	235.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 235.0 nm
Date Acquired:	2014-5-5 15:15:18 CST		
Date Processed:	2014-5-5 15:47:44 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		10.596	9281	0.09	8272.40	
2		14.449	8707	0.08	7691.00	8.12
3		15.674	10602188	99.15	38925.47	3.52
4		16.522	72654	0.68	22360.21	2.02