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Certificate of Analysis

Product Name: Nobiletin

Other Name: 3'4'5,6,7,8-Hexamethoxyflavone

Catalogue No.: BP1001

Batch No.: 15032717

Report date: 2015-03-27

CAS Number: 478-01-3

Mol. Formula: C₂₁H₂₂O₈

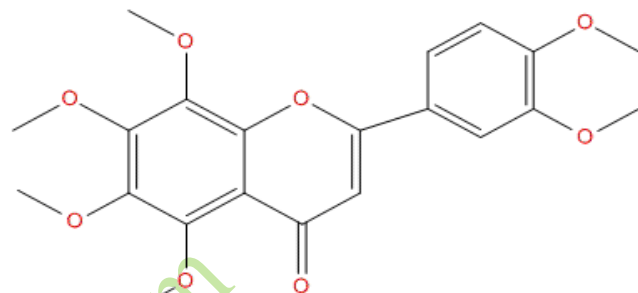
Mol. Weight: 402.39

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Light yellow powder	Light yellow powder
Loss on drying	<3.0%	1.5%
Purity (HPLC,330nm) *	≥98.0%	98.32%

* 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 (2017-03-26) under conditions list above.

QC: *Meng Pan*

Date: 2015-03-27

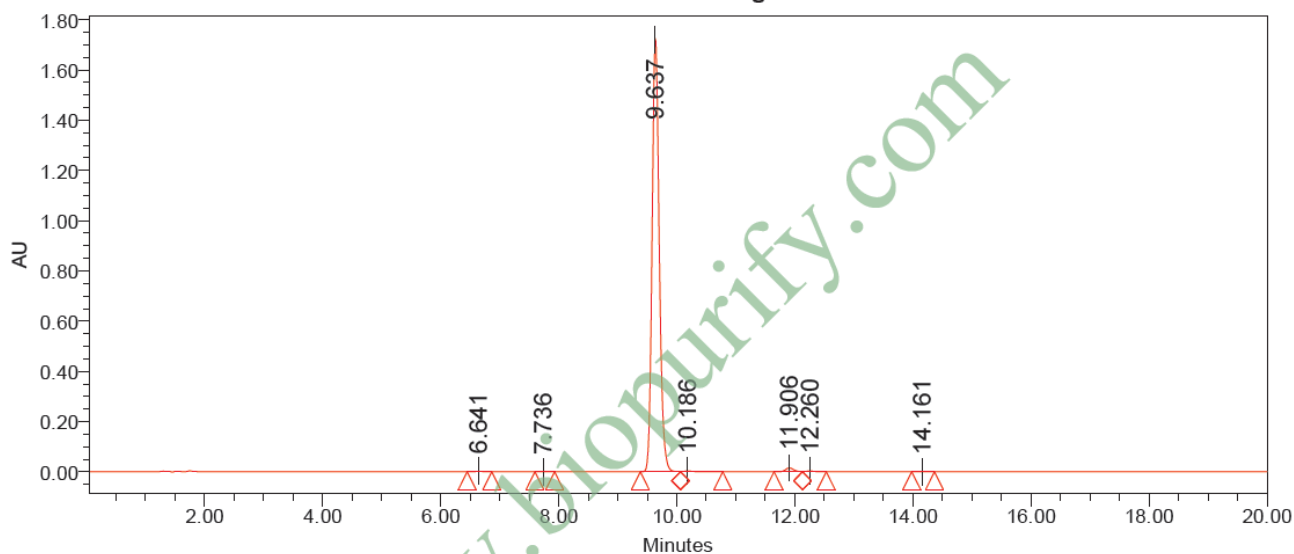
QA: *Lianglei Zhang*

Date: 2015-03-27

SAMPLE INFORMATION

Sample Name:	Nobiletin 15032717	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:D,2	Acq. Method Set:	Nobiletin
Injection #:	1	Processing Method:	samples
Injection Volume:	10.00 ul	Channel Name:	330.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 330.0 nm
Date Acquired: 2015-3-28 14:44:14 CST			
Date Processed: 2015-3-28 15:21:18 CST			

Auto-Scaled Chromatogram



Peak Results

Name	Retention Time (min)	Area (μV·sec)	% Area	USP Plate Count	USP Resolution
1	6.641	17944	0.12	16870.14	
2	7.736	4671	0.03	22490.53	5.18
3	9.637	14557810	98.32	31320.00	8.68
4	10.186	36157	0.24	20868.78	2.02
5	11.906	153378	1.04	33996.39	5.91
6	12.260	31367	0.21	38995.31	1.35
7	14.161	5315	0.04	48967.60	7.44