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Certificate of Analysis

Product Name: 4',5,7,8-Tetramethoxyflavone

Other Name:

Catalogue No.: BP 1787

Batch No.: 15042112

Report date: 2015-04-21

CAS Number: 6601-66-7

Mol. Formula: C₁₉H₁₈O₆

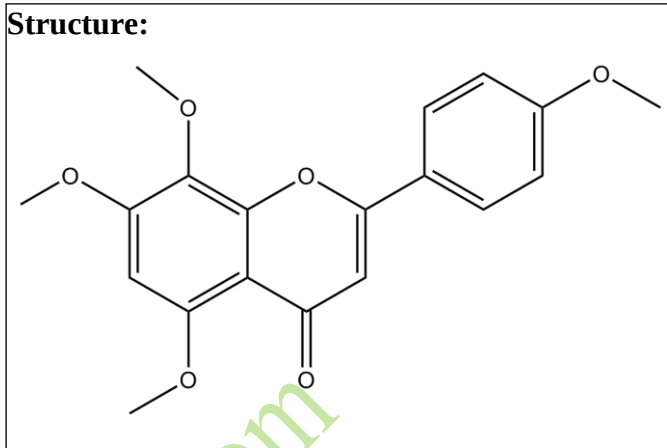
Mol. Weight: 342.11

Botanical Source: Fructus aurantii immaturus

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white powder	Off-white powder
Loss on drying	<3.0%	1.4%
Purity (HPLC,330nm) *	≥98.0%	99.17%

* 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 (2017-04-20) under conditions list above.

QC: Meng Pan

Date: 2015-04-21

QA: Jinhui Yang

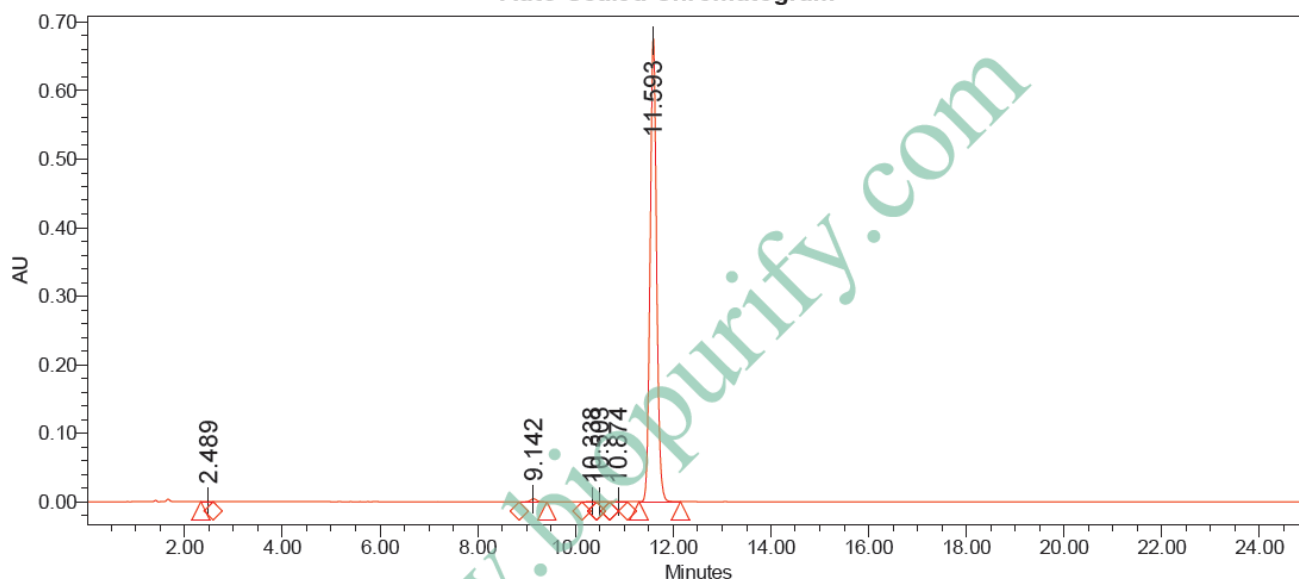
Date: 2015-04-21



SAMPLE INFORMATION

Sample Name:	4',5,7,8-Tetramethoxyflavone	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	33	Acq. Method Set:	4',5,7,8-Tetramethoxyflavone
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	330.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 330.0 nm
Date Acquired:	2015-4-21 15:28:15 CST		
Date Processed:	2015-4-21 16:45:51 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.489	1815	0.03	4823.23	
2		9.142	40973	0.65	23983.70	34.15
3		10.338	4179	0.07		4.94
4		10.503	3305	0.05		
5		10.874	2068	0.03	19503.13	
6		11.593	6283435	99.17	36219.26	2.58