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Certificate of Analysis

Product Name: 3,5,6,7,8,3',4'-Heptamethoxyflavone

Other Name:

Catalogue No.: BP 1804

Batch No.: 15042302

Report date: 2015-04-23

CAS Number: 1178-24-1

Mol. Formula: C₂₂H₂₄O₉

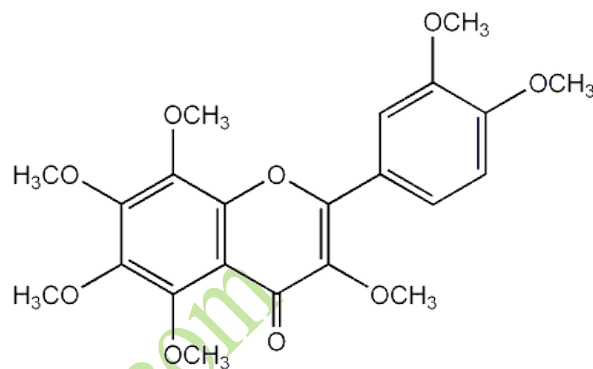
Mol. Weight: 432.14

Botanical Source: Fructus aurantii immaturus

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white solid	Off-white solid
Loss on drying	<3.0%	1.6%
Purity (HPLC,342nm) *	≥98.0%	99.52%

* 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 (2017-04-22) under conditions list above.

QC: Meng Pan

Date: 2015-04-23

QA:

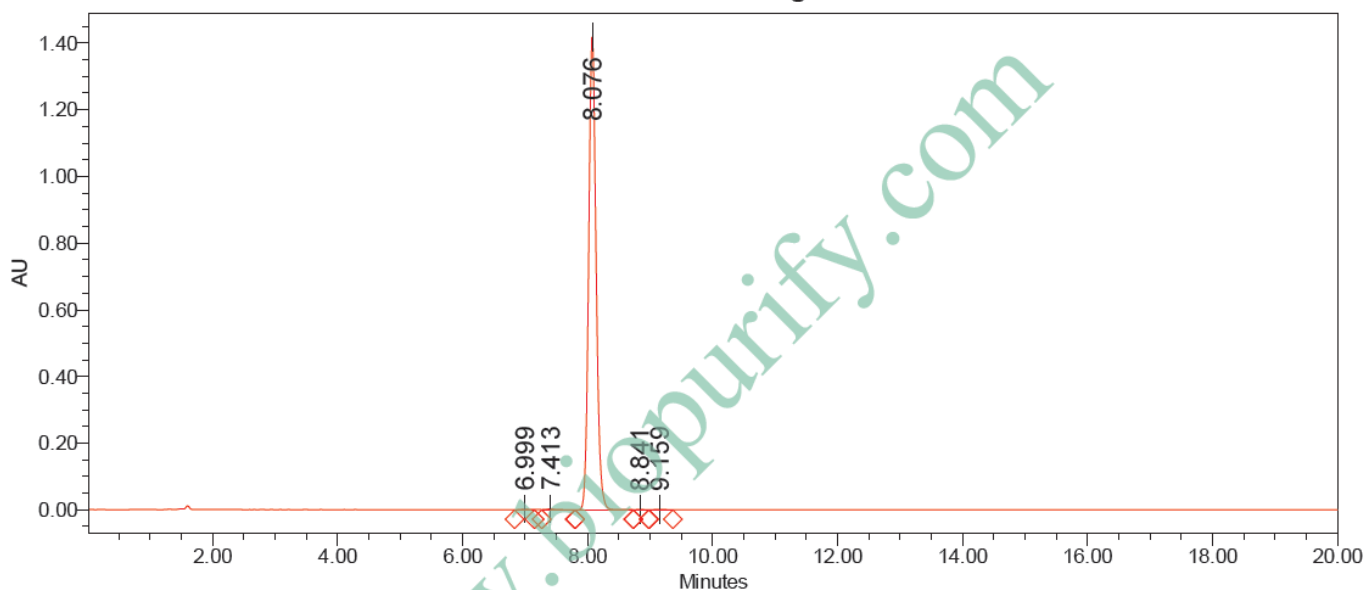
Date: 2015-04-23



SAMPLE INFORMATION

Sample Name:	Heptamethoxyflavone15042302	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	42	Acq. Method Set:	3,5,6,7,8,3',4'-Heptamethoxyflavone
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	342.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 342.0 nm
Date Acquired:	2015-4-23 9:30:32 CST		
Date Processed:	2015-4-23 11:30:20 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		6.999	19980	0.17	17181.86	
2		7.413	25436	0.21	18160.71	1.88
3		8.076	11780634	99.52	22843.70	2.98
4		8.841	3198	0.03		3.46
5		9.159	8708	0.07	27044.42	1.38