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Certificate of Analysis

Product Name: Hesperetin

Other Name: Eriodictyol 4'-monomethyl ether; Hesperitin

Catalogue No.: BP0724

Batch No.: 14050828

Reported Date: 2014-05-08

CAS Number: 520-33-2

Mol. Formula: C₁₆H₁₄O₆

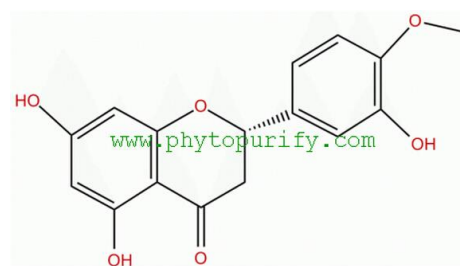
Mol. Weight: 302.282

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Gray powder	Gray powder
Loss on drying	<3.0%	0.9%
Purity (HPLC, 288.0 nm) *	≥98.0%	99.26%

* 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 (2016-05-08) under conditions list above.

QC: *Meng Pan*

Date: 2014-05-08

QA: *Lianglei Zhang*

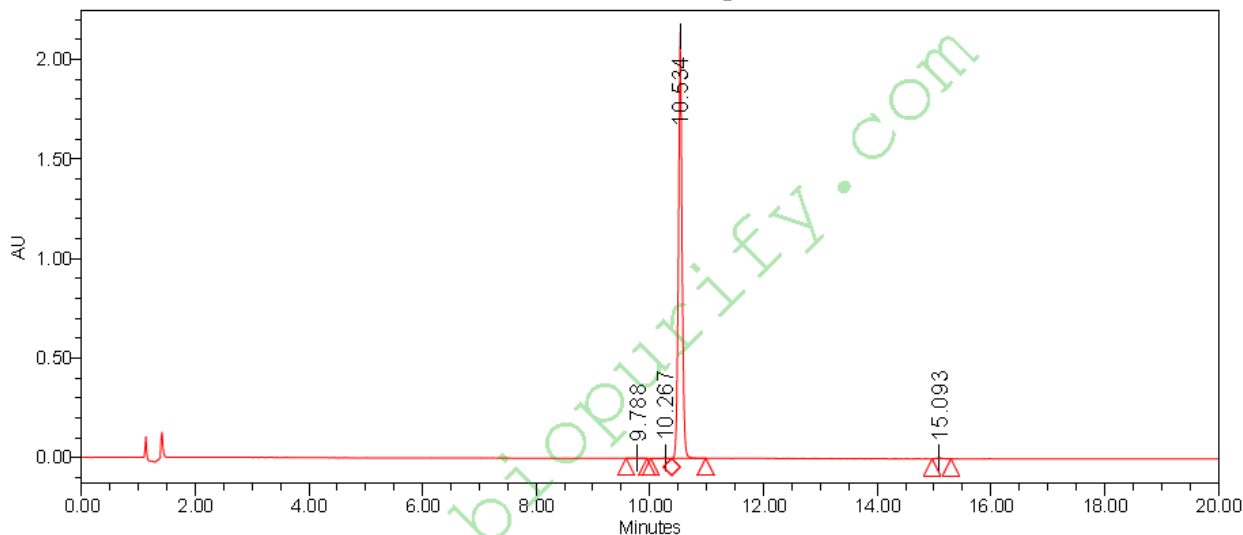
Date: 2014-05-08



SAMPLE INFORMATION

Sample Name:	Hesperitin14050828	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:D,4	Acq. Method Set:	Hesperitin
Injection #:	2	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	288.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 288.0 nm
Date Acquired:	2014-05-08 15:03:56 CST		
Date Processed:	2014-05-08 13:32:28 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.788	17784	0.19	18028.51	
2		10.267	20923	0.22	116814.35	2.27
3		10.534	9365881	99.26	120958.44	2.14
4		15.093	30736	0.33	132316.13	30.61