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Certificate of Analysis

Product Name: Morusin

Other Name: Mulberrochromene

Catalogue No.: BP0961

Batch No.: 14030714

Report date: 2014-03-07

CAS Number: 62596-29-6

Mol. Formula: C₂₅H₂₄O₆

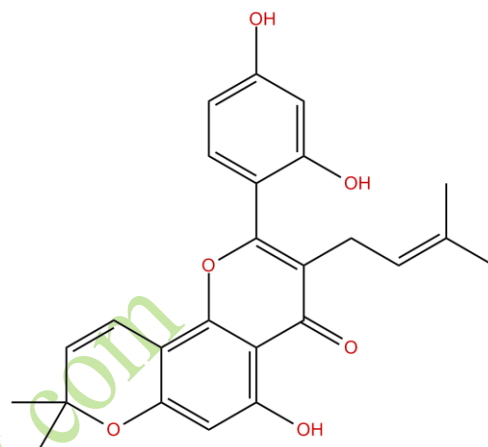
Mol. Weight: 420.46

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Yellow-green powder	Yellow-green powder
Loss on drying	<3.0%	1.1%
Purity (HPLC, 270nm) *	≥98.0%	99.67%

* 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 (2016-03-06) under conditions list above.

QC: *Meng Pan*

Date: 2014-03-07

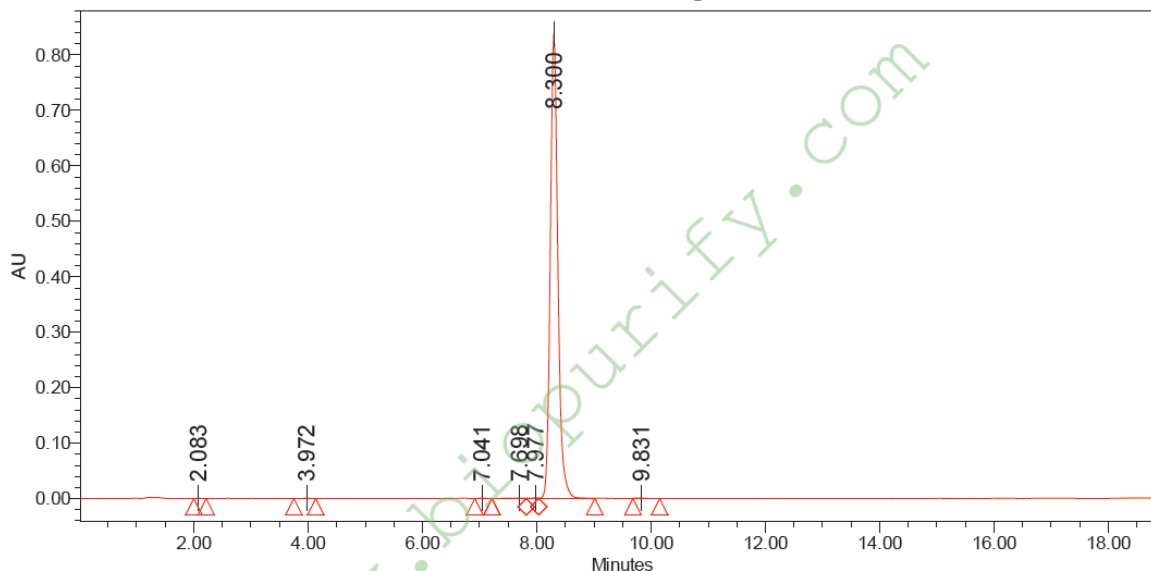
QA: *Lianglei Zhang*

Date: 2014-03-07

SAMPLE INFORMATION

Sample Name:	Morusin14030714	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:E,8	Acq. Method Set:	Morusin
Injection #:	1	Processing Method:	Samples
Injection Volume:	6.00 ul	Channel Name:	270.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired:	2014-3-7 14:41:27 CST		
Date Processed:	2014-3-7 16:19:56 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.083	2397	0.03	5241	
2		3.972	3844	0.05	7771	12.78
3		7.041	2460	0.03	21168	14.52
4		7.698	8250	0.11	4220	2.70
5		7.977	6446	0.08		
6		8.300	7758837	99.67	19700	
7		9.831	2134	0.03	36982	6.67