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Certificate of Analysis

Product Name: Echinatin

Other Name:

Catalogue No.: BP0521

Batch No.: 15070604

Reported Date: 2015-07-06

CAS Number: 34221-41-5

Mol. Formula: C₁₆H₁₄O₄

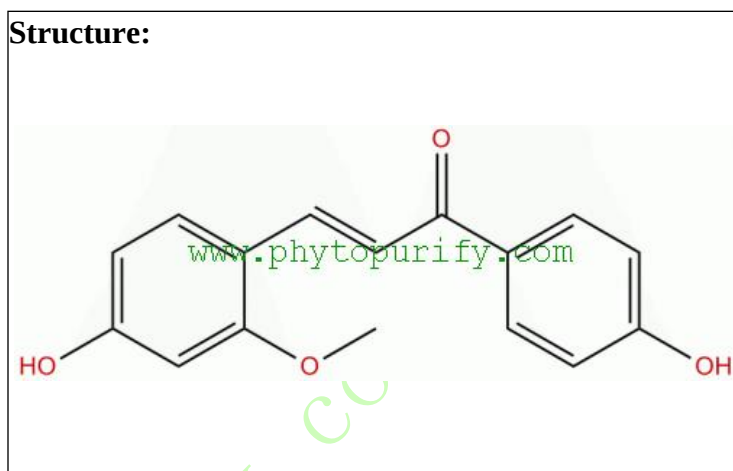
Mol. Weight: 270.284

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	1.6%
Purity (HPLC, 362nm)*	≥98.0%	99.70%

* 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 (2017-07-05) under conditions list above.

QC: *Meng Pan*

Date: 2015-07-06

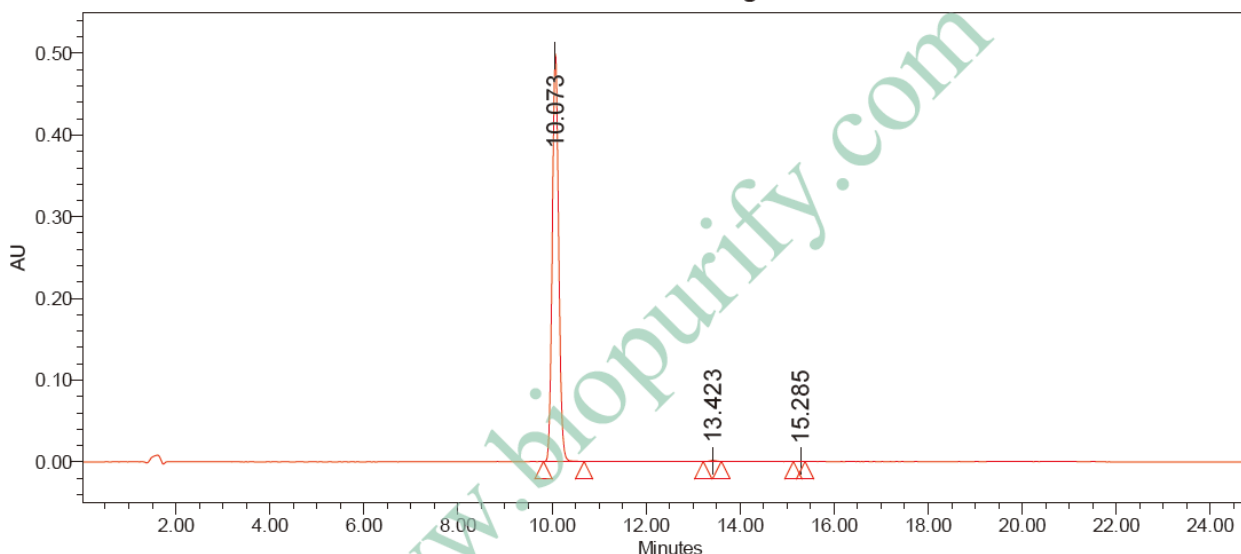
QA: *Lianglei Zhang*

Date: 2015-07-06

SAMPLE INFORMATION

Sample Name:	Echinatin 15070604	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	33	Acq. Method Set:	Echinatin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	362.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 362.0 nm
Date Acquired: 2015-7-6 12:27:40 CST			
Date Processed: 2015-7-6 13:47:51 CST			

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		10.073	4715662	99.70	26184.98	
2		13.423	11953	0.25	42793.92	12.78
3		15.285	2211	0.05	82963.44	7.52