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Certificate of Analysis

Product Name: Shikonin

Catalogue No.: BP1302

Batch No.: 15082018

Report date 2015-08-20

CAS Number: 517-89-5

Mol. Formula: C₁₆H₁₆O₅

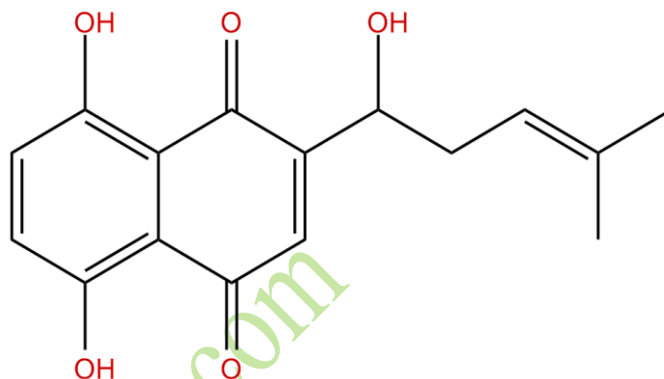
Mol. Weight: 288.299

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Purple red	Purple red
Loss on drying	<3.0%	1.0%
Purity (HPLC,516nm) *	≥98.0%	99.95%

* 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 (2017-08-20) under conditions list above.

QC: Meng Pan

Date: 2015-08-20

QA:

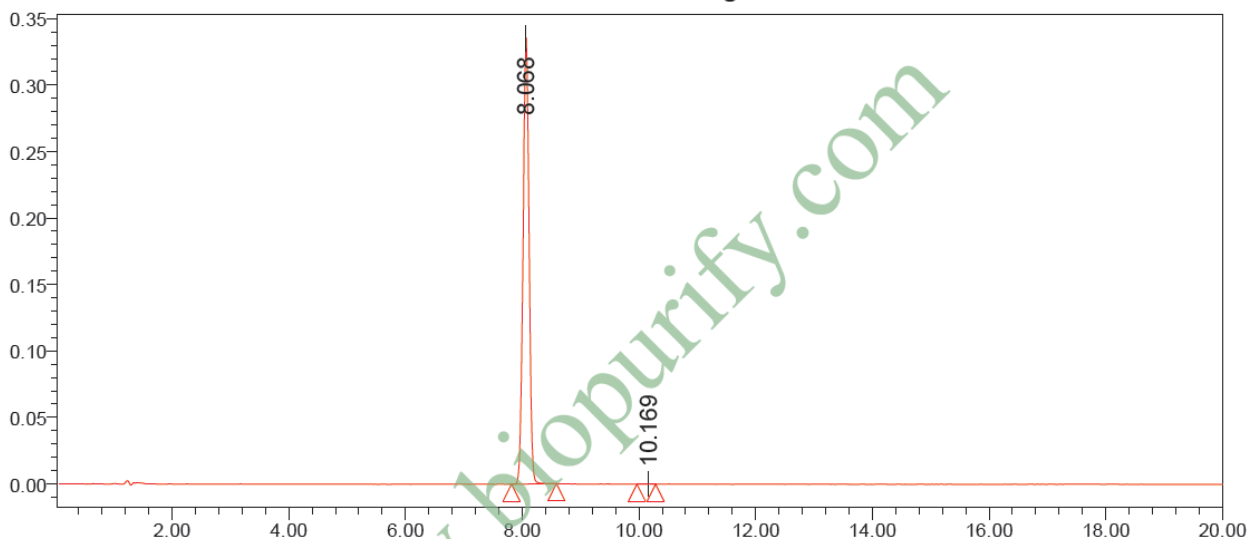
Date: 2015-08-20

Lianglei Zhang

SAMPLE INFORMATION

Sample Name:	Shikonin 15082018	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,3	Acq. Method Set:	Shikonin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	516.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 516.0 nm
Date Acquired:	2015-8-20 14:23:43 CST		
Date Processed:	2015-8-20 14:59:55 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.068	2378785	99.95	29136.64	
2	10.169	1261	0.05	50561.33	10.03