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Certificate of Analysis

Product Name: Rhapontin

Other Name: Ponticin

Catalogue No.: BP1207

Batch No.: 14022710

Report date: 2014-02-27

CAS Number: 155-58-8

Mol. Formula: C₂₁H₂₄O₉

Mol. Weight: 420.414

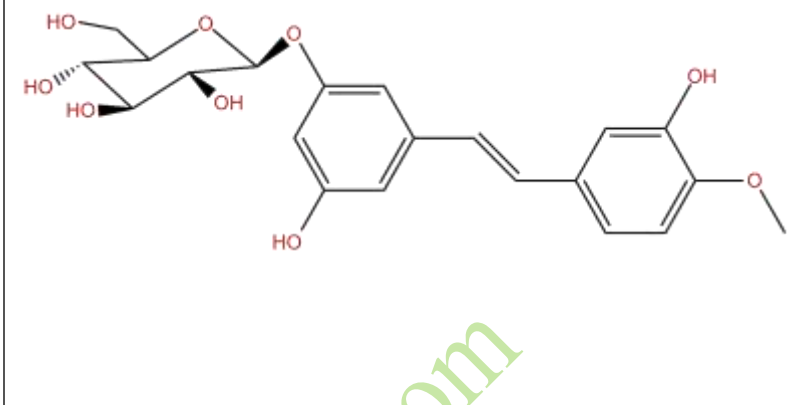
Botanical Source: Seeds of Rheum rhaponticum

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white Powder	Brown Powder
Loss on drying	<3.0%	0.9%
Purity (HPLC, 326nm)*	≥98.0%	98.56%

* 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 (2016-02-27) under conditions list above.

QC: *Meng Pan*

Date: 2014-02-27

QA: *Lianglei Zhang*

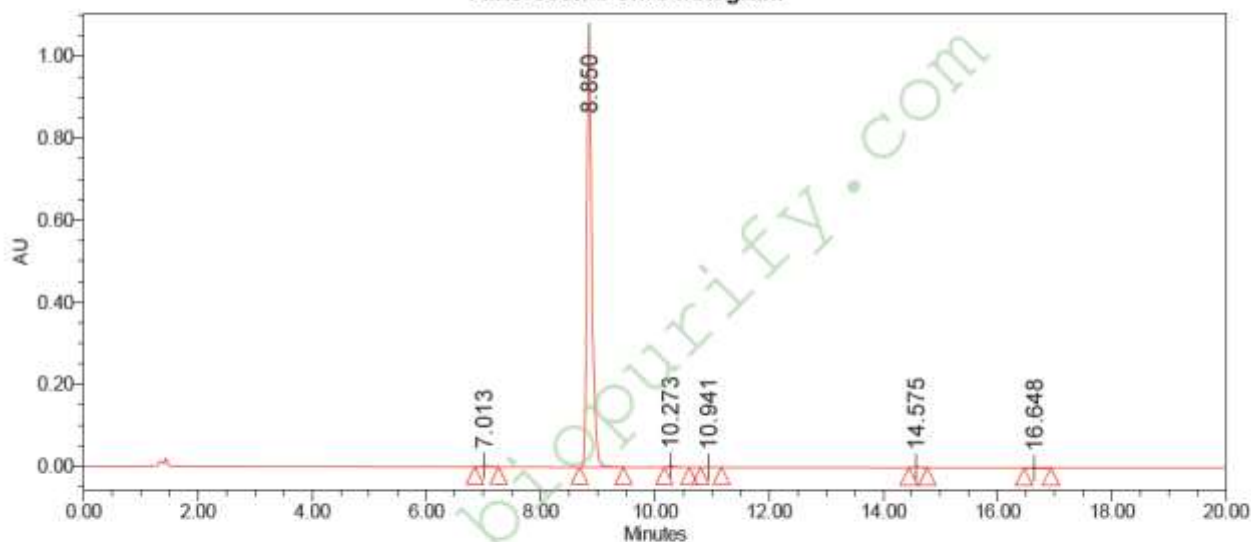
Date: 2014-02-27



SAMPLE INFORMATION

Sample Name:	Rhapontin 14022710	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,4	Acq. Method Set:	Rhapontin
Injection #:	1	Processing Method:	Samples
Injection Volume:	8.00 ul	Channel Name:	326.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 326.0 nm
Date Acquired:	2014-2-27 16:01:55 CST		
Date Processed:	2014-2-27 16:25:15 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.013	24290	0.37	29343.07	
2		8.850	6391305	98.56	50470.15	11.29
3		10.273	31531	0.49	50354.29	7.85
4		10.941	7235	0.11	45915.88	3.34
5		14.575	20700	0.32	84898.58	18.65
6		16.648	9750	0.15	77812.48	7.94