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Certificate of Analysis

Product Name: Gossypol

Other Name: Thespesin

Catalogue No.: BP0687

Batch No.: 13110105

Report date 2013-11-01

CAS Number: 303-45-7

Mol. Formula: C₃₀H₃₀O₈

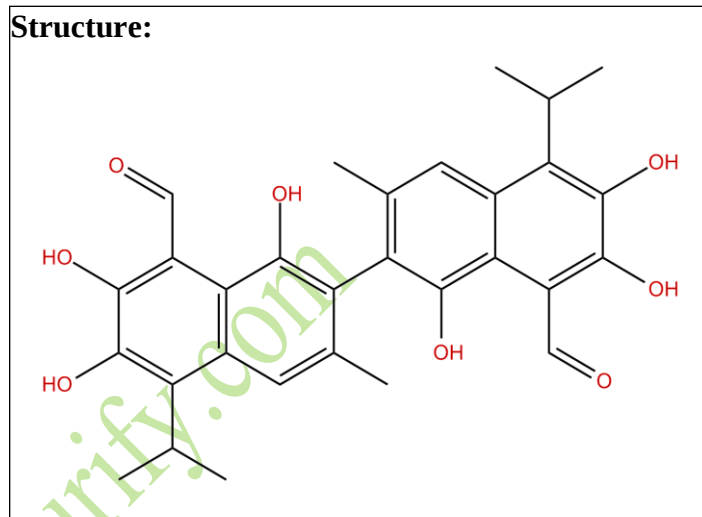
Mol. Weight: 518.562

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%	1.5%
Purity (HPLC, 236nm) *	≥98.0%	98.68%

* 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 (2015-11-1) under conditions list above.

QC: *Meng Pan*

Date: 2013-11-1

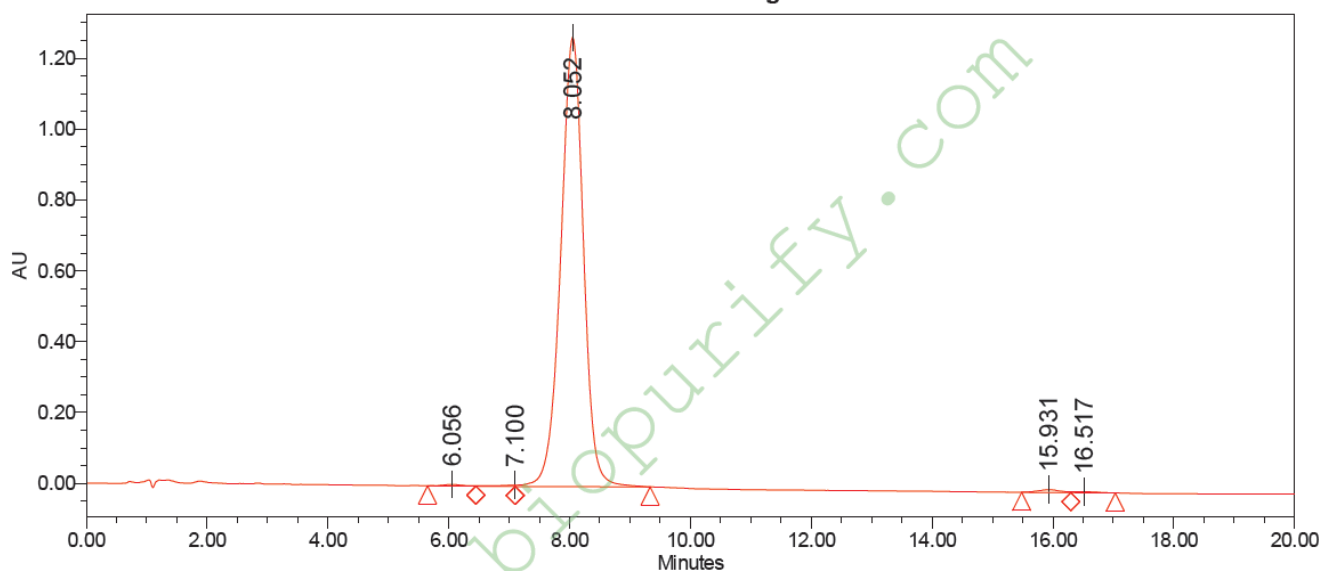
QA: *Lianglei Zhang*

Date: 2013-11-1

SAMPLE INFORMATION

Sample Name:	Gossypol 13110105	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:E,6	Acq. Method Set:	Gossypol
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	236.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 236.0 nm
Date Acquired:	2013-11-1 10:57:05 CST		
Date Processed:	2013-11-1 13:00:58 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		6.056	97061	0.29	2145.86	
2		7.100	66380	0.20		1.74
3		8.052	33236875	98.68	2265.48	1.47
4		15.931	198799	0.59	8522.62	11.04
5		16.517	83890	0.25		0.80