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Certificate of Analysis

Product Name: Cycloastragenol

Other Name:

Catalogue No.: BP0434

Batch No.: 13072404

Reported Date: 2013-07-24

CAS Number: 78574-94-4

Mol. Formula: C₃₀H₅₀O₅

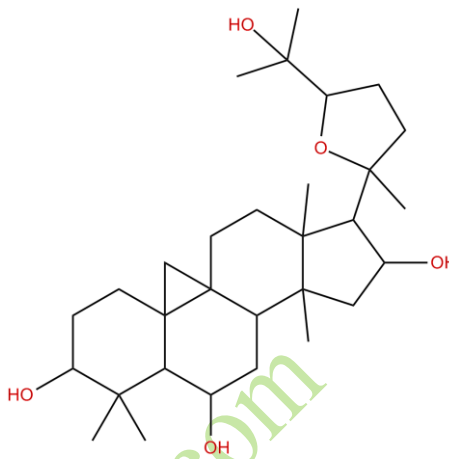
Mol. Weight: 490.725

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-White powder	Off-White powder
Loss on drying	<3.0%	1.3%
Purity (HPLC-ELSD)*	≥98.0%	99.23%

* 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 (2015-07-24) under conditions list above.

QC: *Meng Pan*

Date: 2013-07-24

QA: *Lianglei Zhang*

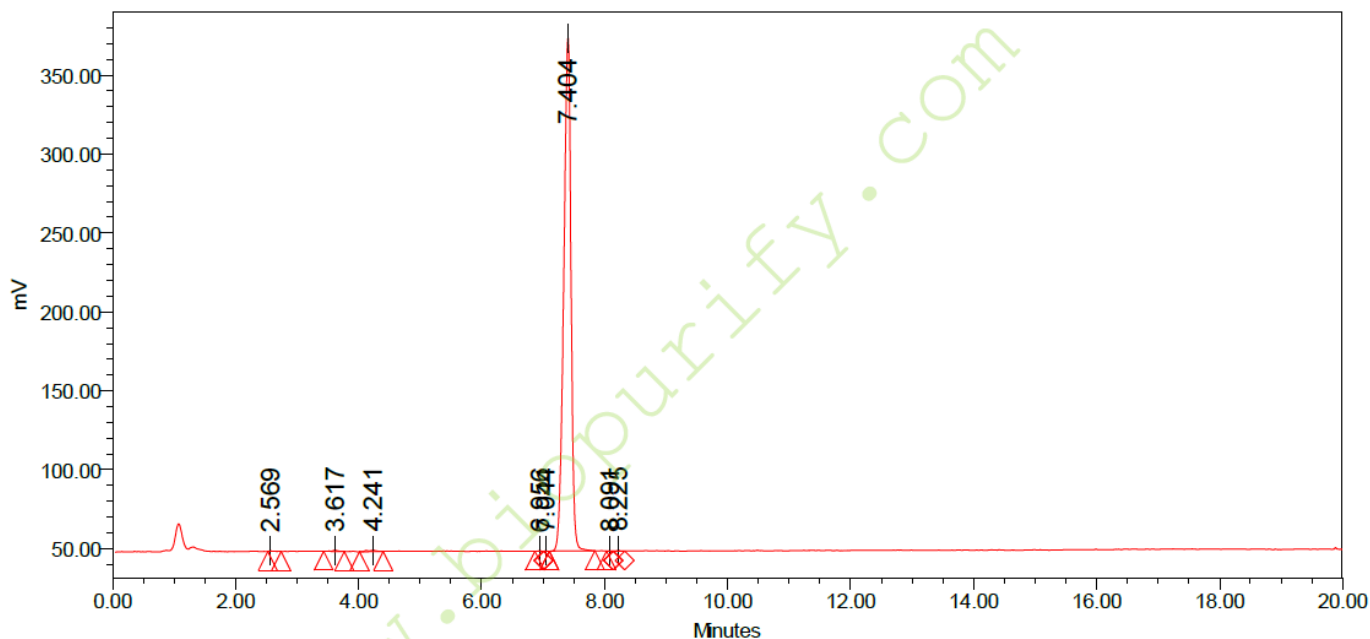
Date: 2013-07-24



SAMPLE INFORMATION

Sample Name:	Cycloastragenol13072404	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,1	Acq. Method Set:	Cycloastragenol
Injection #:	1	Processing Method:	QC
Injection Volume:	20.00 ul	Channel Name:	eSATIN-Ch1
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	ELSD
Date Acquired:	2013-7-24 10:26:34 CST		
Date Processed:	2013-7-24 10:57:41 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.569	1869	0.07	23857	
2		3.617	5323	0.20	8072	9.29
3		4.241	8919	0.33	3582	2.93
4		6.956	822	0.03	27677	10.95
5		7.044	513	0.02	253569	0.61
6		7.404	2677933	99.23	18657	2.53
7		8.091	964	0.04	61601	4.08
8		8.225	2269	0.08	242738	1.29