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Certificate of Analysis

Product Name: Tubeimoside II

Other Name:

Catalogue No.: BP1416

Batch No.: 14011602

Report Date: 2014-01-16

CAS Number: 115810-12-3

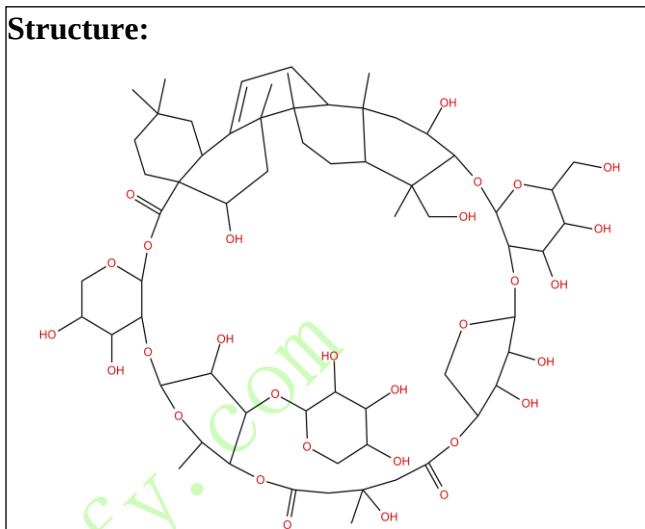
Mol. Formula: C₆₃H₉₈O₃₀

Mol. Weight: 1335.45

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White powder	White powder
Loss on drying	<2%	0.8%
Purity (HPLC-ELSD)*	≥98.0%	98.70%

* 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 (2016-01-15) under conditions list above.

QC: *Meng Pan*

Date: 2014-01-16

QA: *Lianglei Zhang*

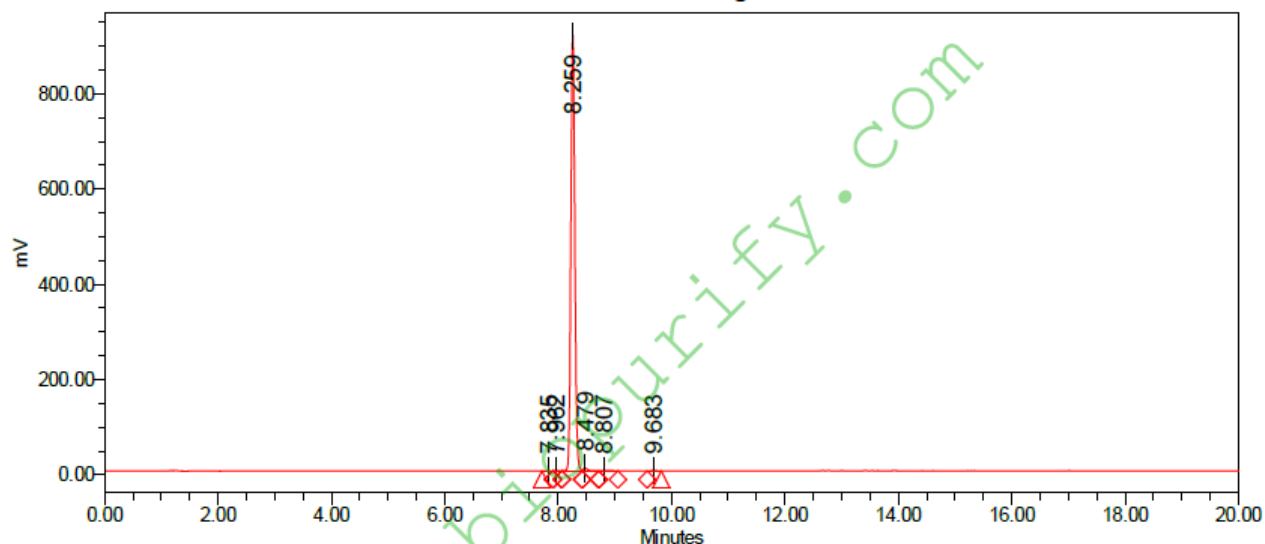
Date: 2014-01-16



SAMPLE INFORMATION

Sample Name:	Tubeimoside II 14011602	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:F,2	Acq. Method Set:	Tubeimoside I
Injection #:	1	Processing Method:	Tubeimoside II
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired:	2014-1-17 3:03:41 CST		
Date Processed:	2014-1-17 3:37:19 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.835	3700	0.08	10645.43	
2		7.962	4526	0.10	41976.99	0.77
3		8.259	4459835	98.70	63961.63	1.97
4		8.479	34268	0.76	38044.33	1.41
5		8.807	11098	0.25	1055151.69	1.80
6		9.683	5213	0.12	10011.31	3.81