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Certificate of Analysis

Product Name: Tormentic acid

Other Name:

Catalogue No.: BP1400

Batch No.: 14032007

Report Date: 2014-03-20

CAS Number: 13850-16-3

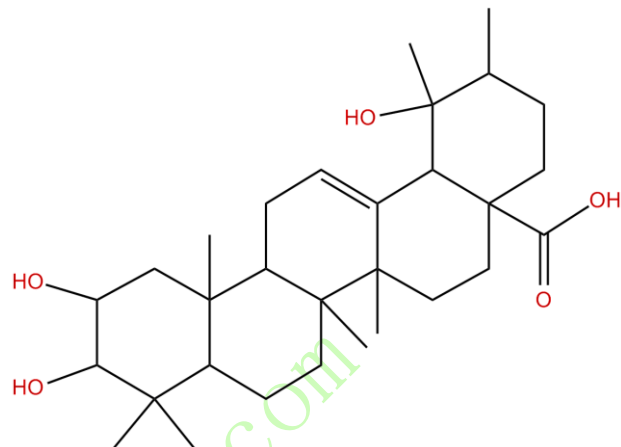
Mol. Formula: C₃₀H₄₈O₅

Mol. Weight: 488.709

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%	1.2%
Purity (HPLC-ELSD)*	≥90.0%	90.43%

* 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 (2016-03-20) under conditions list above.

QC: *Meng Pan*

Date: 2014-03-20

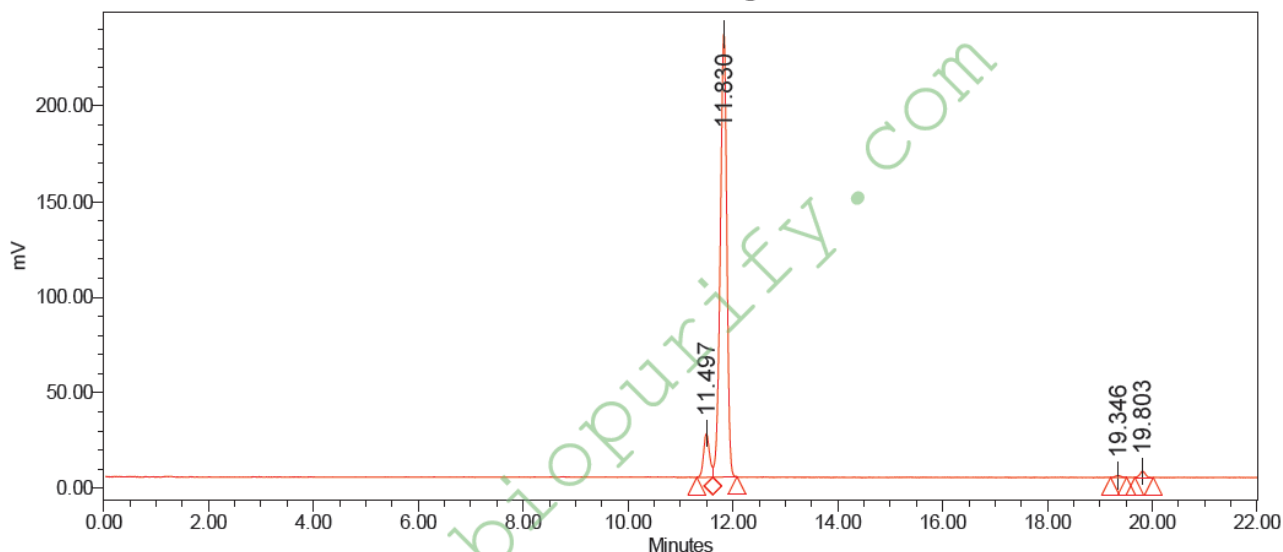
QA: *Lianglei Zhang*

Date: 2014-03-20

SAMPLE INFORMATION

Sample Name:	Tormentic acid 14032007	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:F,7	Acq. Method Set:	Tormentic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired: 2014-3-20 13:05:56 CST			
Date Processed: 2014-3-20 13:34:23 CST			

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		11.497	180247	8.14	49578.60	
2		11.830	2003283	90.43	42948.14	1.46
3		19.346	7536	0.34	154539.44	36.36
4		19.803	24277	1.10	163259.82	2.26