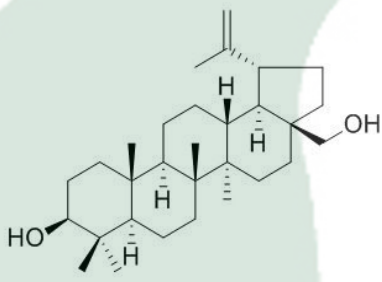


PRODUCT ID	E-0164	Structure 
PRODUCT	Betulin /白桦脂醇	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17051941	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2017-05-19	
DATE OF REPORT	2017-05-19	

CHEMICAL NAME

(1R,3aS,5aR,5bR,7aR,9S,11aR,11bR,13aR,13bR)-3a-(hydroxymethyl)-5a,5b,8,8,11a-pentamethyl-1-prop-1-en-2-yl-1,2,3,4,5,6,7,7a,9,10,11,11b,12,13,13a,13b-hexadecahydrocyclopenta[a]chrysen-9-ol

OTHER NAME

Betulinol, 桦木醇

CHEMICAL FORMULA

C₃₀H₅₀O₂

MOLECULAR WEIGHT(MW)

442.7168

CAS NUMBER

473-98-3

CHEMICAL FAMILY

Triterpenes三萜类

FROM

桦属植物白桦Betula alba L. 的树皮

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK362—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK362—2007	NA	ND
Water	Q/TFFK362—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Betulin

Chrom-Column: C18

Lot Number: 17051941

Mobile Phase: MeOH:0.1%H₃PO₄
(90:10)

Detector: UV

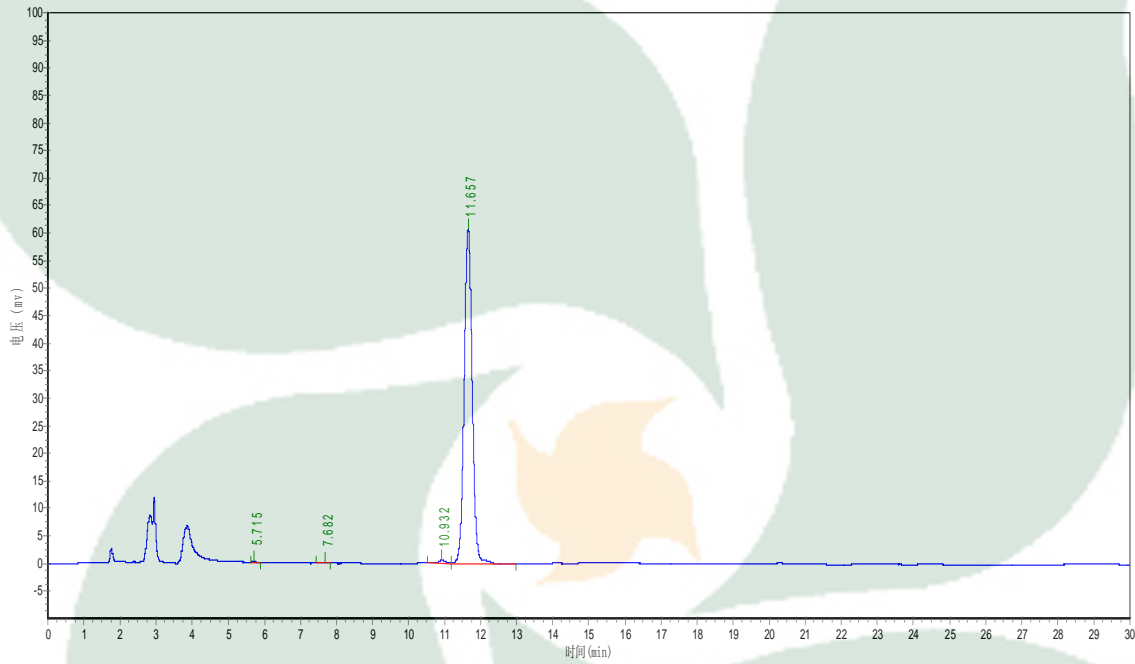
Wavelength: 213nm

Detect Time: 2017-05-19

Inject Vol: 20ul

Analyst: zhanghong

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.715	96.125	657.600	0.0692
2	7.682	95.543	880.600	0.0927
3	10.932	566.124	7374.870	0.7763
4	11.657	60785.598	941082.500	99.0618