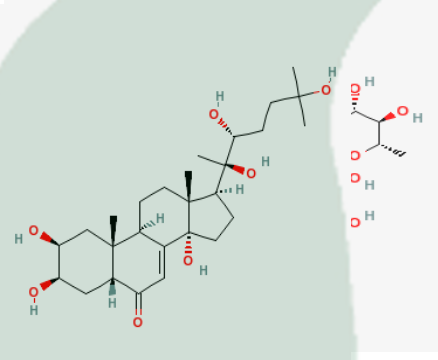


PRODUCT ID	E-0039	<p>Structure</p> 
PRODUCT	β-Ecdysone /β-蜕皮甾酮	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17042121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-04-21	
DATE OF REPORT	2017-04-21	

CHEMICAL NAME

(2S,3R,5R,9R,10R,13R,14S,17S)-2,3,14-trihydroxy-10,13-dimethyl-17-[(2R,3R)-2,3,6-trihydroxy-6-methylheptan-2-yl]-2,3,4,5,9,11,12,15,16,17-decahydro-1H-cyclopenta[a]phenanthren-6-one

OTHER NAME

CHEMICAL FORMULA

C₂₇H₄₄O₇

MOLECULAR WEIGHT(MW)

480.63406

CAS NUMBER

5289-74-7

CHEMICAL FAMILY

Steroids甾体类

FROM

Achyranthes bidentata BI.root

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK23—2004	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK23—2004	NA	ND
Water	Q/TFFK23—2004	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

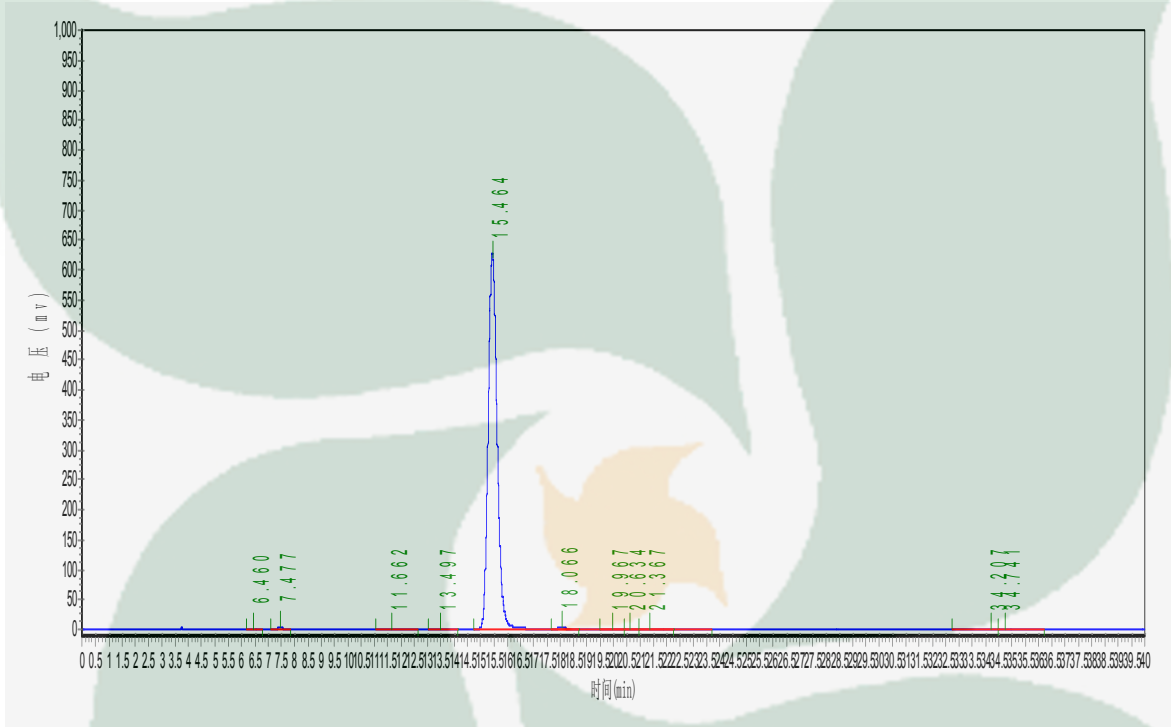
Analyst

Checker

Manager

Product Analysis Report

Product Name: β -Ecdysone **Chrom-Column:** C18
Lot Number: 17042121 **Mobile Phase:** ACN: H₂O (17: 83)
Detector: UV **Wavelength:** 243nm
Detect Time: 2017-04-21 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.460	297.159	3619.937	0.0240
2	7.477	2787.000	48049.398	0.3192
3	11.662	241.250	11479.650	0.0763
4	13.497	229.777	5478.775	0.0364
5	15.464	625443.500	14827976.000	98.4920
6	18.066	2236.219	55582.699	0.3692
7	19.967	1089.660	30731.520	0.2041
8	20.634	415.206	10069.672	0.0669
9	21.367	998.907	32313.477	0.2146
10	34.207	307.869	14086.413	0.0936
11	34.741	320.639	15612.939	0.1037