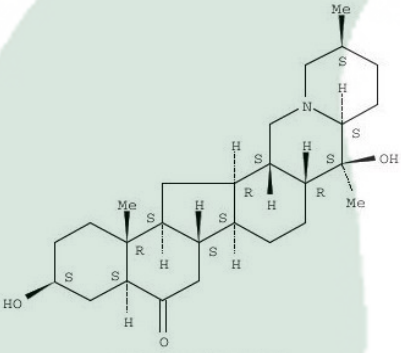


PRODUCT ID	E-0674	<p style="text-align: center;">Structure</p>  <p style="text-align: center;">Absolute stereochemistry.</p>
PRODUCT	Imperialine/西贝母碱	
STANDARD TYPE	Qualitative Analysis/鉴别用	
LOT NUMBER	14090425	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2014-09-04	
DATE OF REPORT	2014-09-04	

CHEMICAL NAME Ceuan-6-one,3,20-dihydroxy-,(3β,5α,17β)-

OTHER NAME

CHEMICAL FORMULA C₂₇H₄₃NO₃

MOLECULAR WEIGHT(MW) 429.64

CAS NUMBER 61825-98-7

CHEMICAL FAMILY Alkaloids 生物碱类

FROM 百合科植物川贝母 *Fritillaria cirrhosa* D.Don 的干燥鳞茎

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK551—2008	NLT ≥95.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK551—2008	NA	ND
Water	Q/TFFK3551—2008	≤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: Imperialine

Chrom-Column: C18

Lot Number: 14090425

Mobile Phase: ACN:0.06%DEA(50:50)

Detector: ELSD

Tube Temp: 105°C

Detect Time: 2014-09-04

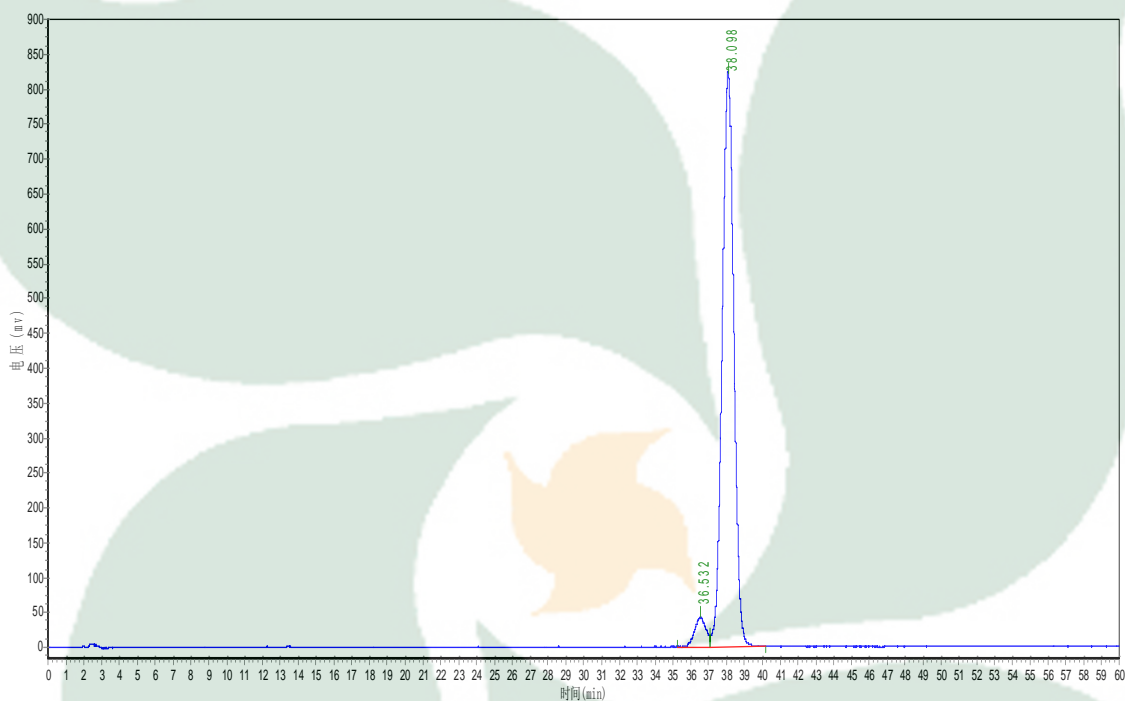
Inject Vol: 20ul

Impactor: off

Flow: 1.0ml/min

Analyst: zhufangfang

Gas Flow: 2.20/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	36.532	41271.684	1889866.250	4.8303
2	38.098	822737.375	37235272.000	95.1697