



同田生物
TAUTO BIOTECH

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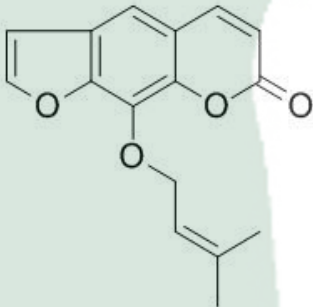
86-21-51320588-8008/8035/8026/8025

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PRODUCT ID	E-0232	Structure 
PRODUCT	Imperatorin /欧前胡素	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	16091221	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-09-12	
DATE OF REPORT	2016-09-12	

CHEMICAL NAME

9-(3-methylbut-2-enoxy)furo[3,2-g]chromen-7-one

OTHER NAME

Ammidin, 8-Isoamylenoxypsoralen

CHEMICAL FORMULA

C₁₆H₁₄O₄

MOLECULAR WEIGHT(MV)

270.27996

CAS NUMBER

482-44-0

CHEMICAL FAMILY

Coumarins 香豆素类

FROM

Cnidium monnieri (L.) Cuss

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK314—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK314—2007	NA	ND
Water	Q/TFFK314—2007	≤2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

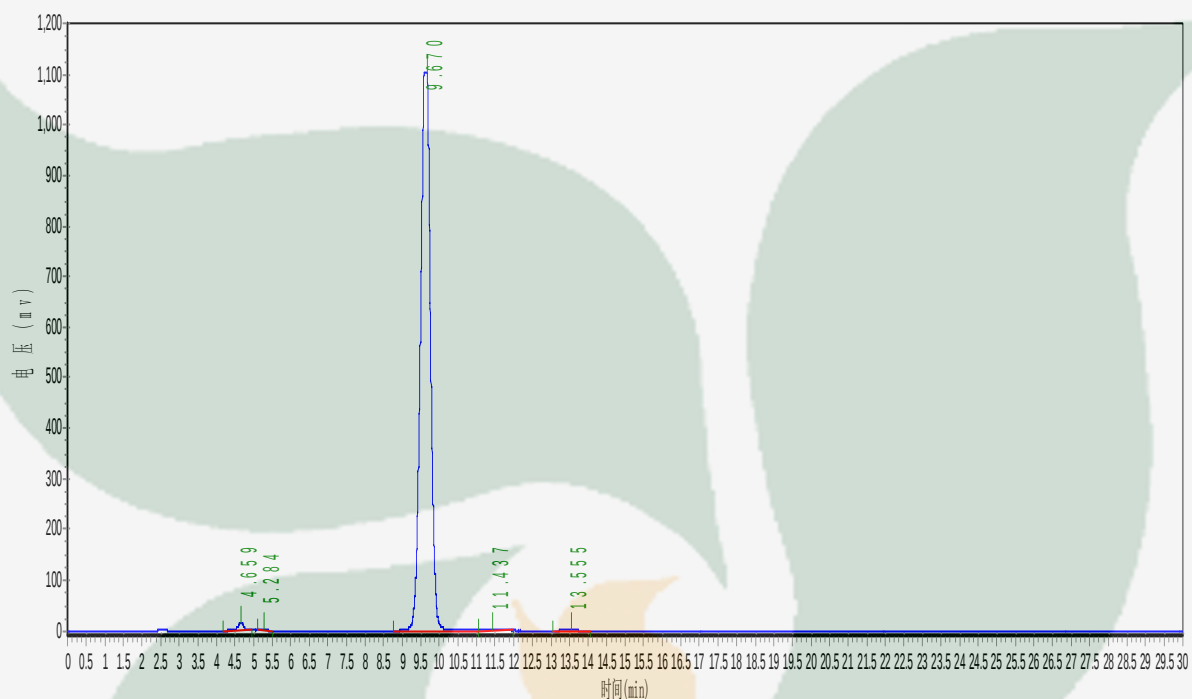
Analyst

Checker

Manager

Product Analysis Report

Product Name: Imperatorin Chrom-Column: C18
Lot Number: 16091221 Mobile Phase: ACN:0.1%H3PO4 (70:30)
Detector: UV Wavelength: 300nm
Detect Time: 2016-09-12 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



	min	mAU	mAU*min	%
1	4.659	16091.916	170153.047	0.8162
2	5.284	416.500	4247.200	0.0204
3	9.670	1100580.375	20629712.000	98.9609
4	11.437	1130.667	24442.686	0.1173
5	13.555	984.000	17765.400	0.0852