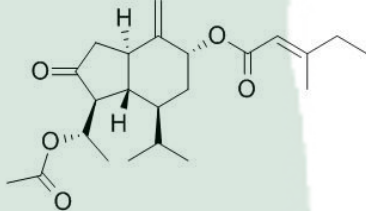


PRODUCT ID	E-0684	Structure 
PRODUCT	Tussilagone/款冬酮	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16091424	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-09-14	
DATE OF REPORT	2016-09-14	

CHEMICAL NAME

[[1R,3aR,5R,7S,7aS)-1-(1-acetyloxyethyl)-4-methylidene-2-oxo-7-propan-2-yl-3,3a,5,6,7,7a-hexahydro-1H-inden-5-yl] (E)-3-methylpent-2-enoate

OTHER NAME

Farfaratin

CHEMICAL FORMULA

C₂₃H₃₄O₅

MOLECULAR WEIGHT(MW)

390.517

CAS NUMBER

104012-37-5

CHEMICAL FAMILY

Sesquiterpenoids 倍半萜类

FROM

Tussilago farfara L.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK628—2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK628—2010	NA	ND
Water	Q/TFFK628—2010	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

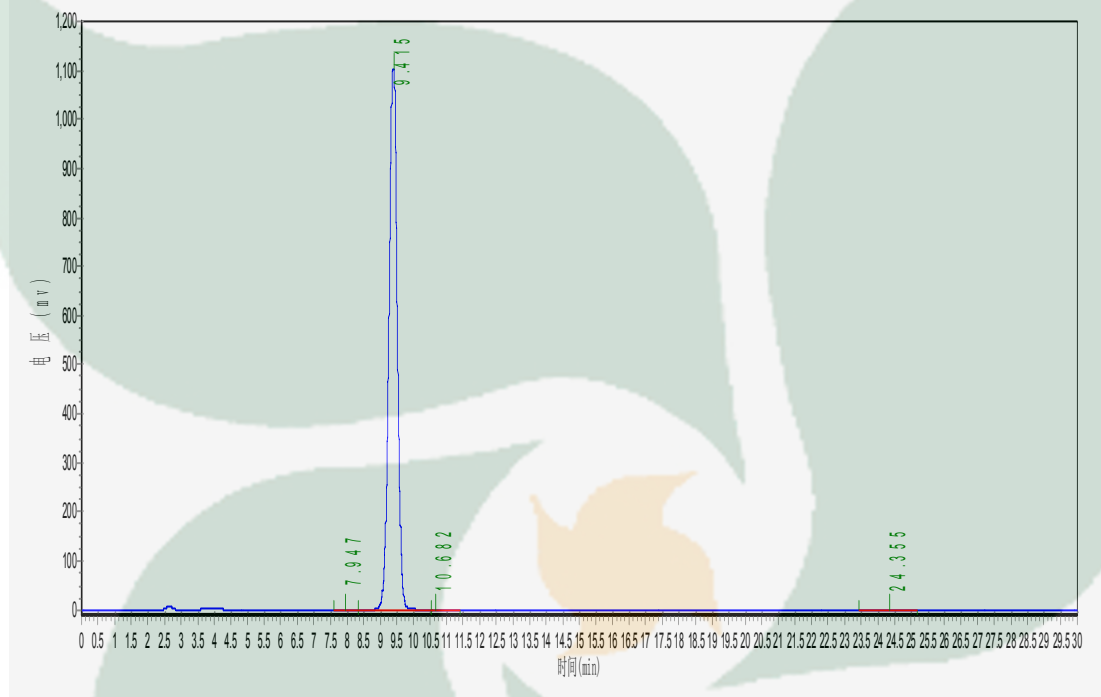
Analyst

Checker

Manager

Product Analysis Report

Product Name: Tussilagone Chrom-Column: C18
Lot Number: 16091424 Mobile Phase: MeOH: H₂O (80:20)
Temperature: 25°C Wavelength: 220nm
Detect Time: 2016-09-14 Inject Vol: 20μL
Analyst: shuzhilin Flow: 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.947	471.186	7821.100	0.0402
2	9.415	1101233.375	19458348.000	99.9206
3	10.682	187.218	4686.132	0.0241
4	24.355	68.049	2956.943	0.0152