



地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

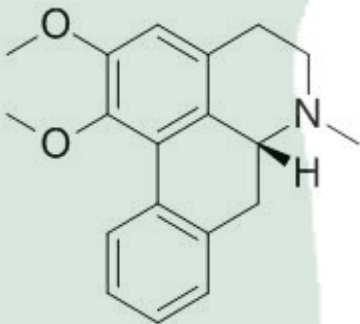
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

PRODUCT ID	E-0671	Structure 
PRODUCT	Nuciferine /荷叶碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18041221	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-12	
DATE OF REPORT	2018-04-12	

OTHER NAME	NA
CHEMICAL FORMULA	C ₁₉ H ₂₁ NO ₂
MOLECULAR WEIGHT(MW)	295.38
CAS NUMBER	475-83-2
CHEMICAL FAMILY	Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK225—2007	NLT ≥98.0%	99.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK225—2007	NA	ND
Water	Q/TFFK225—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Nuciferine

Chrom-Column: C18

Lot Number: 18041221

Mobile Phase: ACN:H2O:TEA:HAC=27:70.6:1.6:0.78

Detector: UV

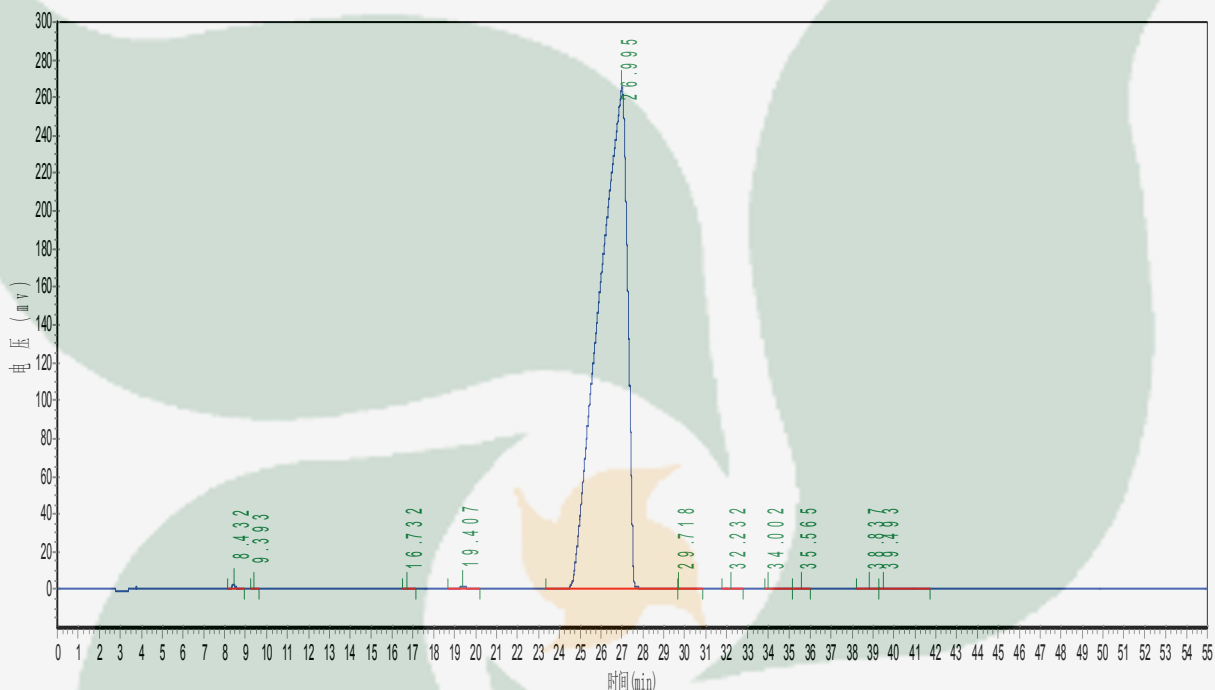
Wavelength: 270nm

Detect Time: 2018-04-12

Inject Vol: 20ul

**Sample
dissolution:** MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.432	2596.850	37055.902	0.1485
2	9.393	132.781	1534.200	0.0061
3	16.732	138.379	2689.650	0.0108
4	19.407	1324.370	42814.699	0.1715
5	26.995	265736.688	24863374.000	99.6089
6	29.718	114.381	2564.188	0.0103
7	32.232	67.832	1384.800	0.0055
8	34.002	32.920	1096.900	0.0044
9	35.565	77.505	1694.250	0.0068
10	38.837	61.282	1219.702	0.0049
11	39.493	75.889	5573.069	0.0223