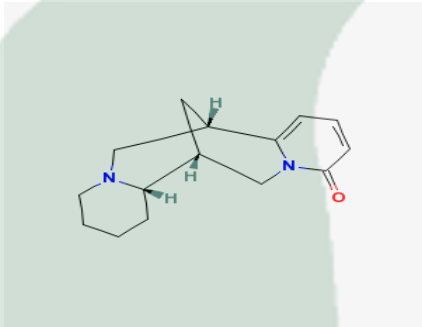


PRODUCT ID	E-0264	<p>Structure</p> 
PRODUCT	Thermopsine /黄华碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15070622	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-07-06	
DATE OF REPORT	2015-07-06	

CHEMICAL NAME

7,14-Methano-4H,6H-dipyrido[1,2-a:1',2'-E][1,5]diazocin-4-one, 7,7a,8,9,10,11,13,14-octahydro-, [7R-(7.alpha.,7a.alpha.,14.alpha.)]-

OTHER NAME

CHEMICAL FORMULA

C₁₅H₂₀N₂O

MOLECULAR WEIGHT(MW)

244.3321

CAS NUMBER

486-90-8

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

豆科植物披针叶黄华Thermopsis lanceolata R.Br.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK88—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK88—2007	NA	ND
Water	Q/TFFK88—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

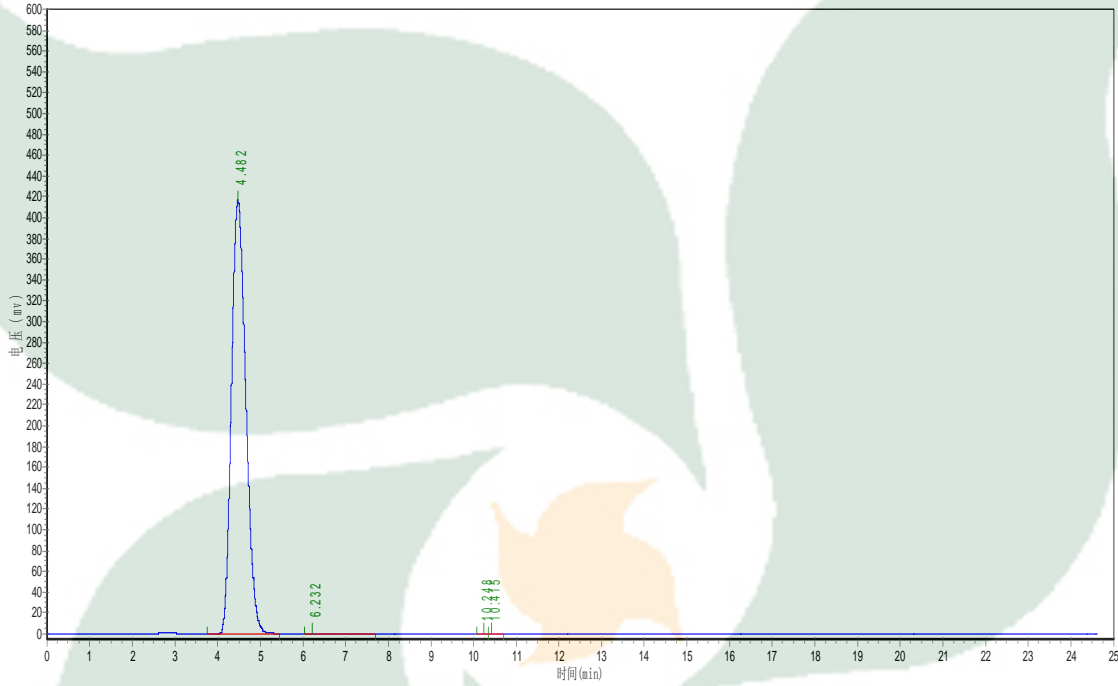
Analyst

Checker

Manager

Product Analysis Report

Product Name: Thermopsine **Chrom-Column:** C18
Lot Number: 15070622 **Mobile Phase:** 75%MeOH
Detector: UV **Wavelength:** 310nm
Detect Time: 2015-07-06 **Inject Vol:** 20ul
Analyst: zhufangfang **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.482	415982.563	9706435.000	99.8444
2	6.232	55.667	4470.400	0.0460
3	10.248	439.611	5611.621	0.0577
4	10.415	504.250	5044.751	0.0519