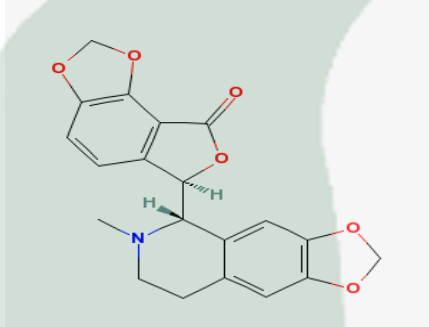


PRODUCT ID	E-0282	Structure 
PRODUCT	d-Bicuculline /右旋比扣扣灵碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	14111441	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2014-11-14	
DATE OF REPORT	2014-11-14	

CHEMICAL NAME (6R)-6-[(5S)-6-methyl-7,8-dihydro-5H-[1,3]dioxolo[4,5-g]isoquinolin-5-yl]-6H-furo[3,4-g][1,3]benzodioxol-8-one

OTHER NAME

CHEMICAL FORMULA C₂₀H₁₇NO₆

MOLECULAR WEIGHT(MW) 367.35208

CAS NUMBER 485-49-4

CHEMICAL FAMILY Alkaloids生物碱类

FROM 罂粟科植物土延胡Corydalis humosa Migo.的块茎

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK713—2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK713—2010	NA	ND
Water	Q/TFFK713—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: d-Bicuculline

Chrom-Column: C18

Lot Number: 14111441

Mobile Phase: ACN:0.08%KH₂PO₄(TEA
pH=6.0)=60:40

Detector: UV

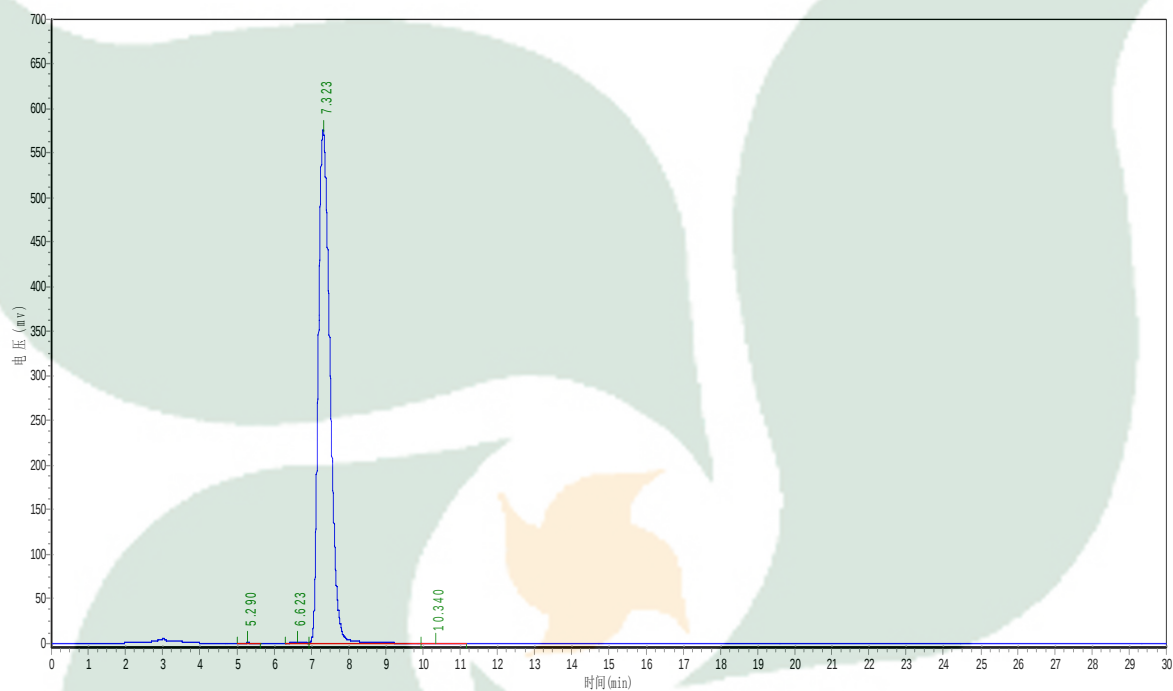
Wavelength: 285nm

Detect Time: 2014-11-14

Inject Vol: 20ul

Analyst: zhufangfang

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.290	273.261	5172.793	0.0412
2	6.623	1004.565	20941.184	0.1668
3	7.323	575508.875	12521690.000	99.7567
4	10.340	122.139	4426.826	0.0353