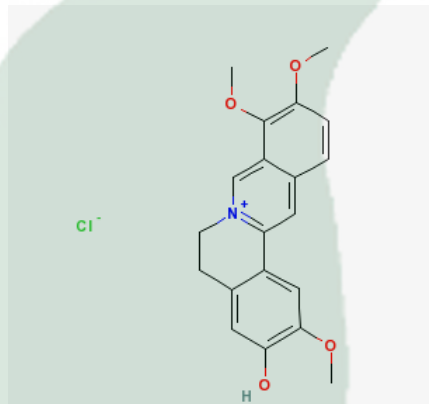


PRODUCT ID	E-0222	Structure 
PRODUCT	Jatrorrhizine hydrochloride /盐酸 药根碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15060535	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-06-05	
DATE OF REPORT	2015-06-05	

CHEMICAL NAME

2,9,10-trimethoxy-5,6-dihydroisoquinolinof[2,1-b]isoquinolin-7-ium-3-ol chloride

OTHER NAME

CHEMICAL FORMULA

C₂₀H₂₀ClNO₄

MOLECULAR WEIGHT(MW)

373.8301

CAS NUMBER

6681-15-8

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

防己科植物青牛胆 *Tinospora sagittata* (Oliv.) Gagnep.的块根

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK226—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK226—2007	NA	ND
Water	Q/TFFK226—2007	≤2%	Conforms
Appearance		Orange red Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

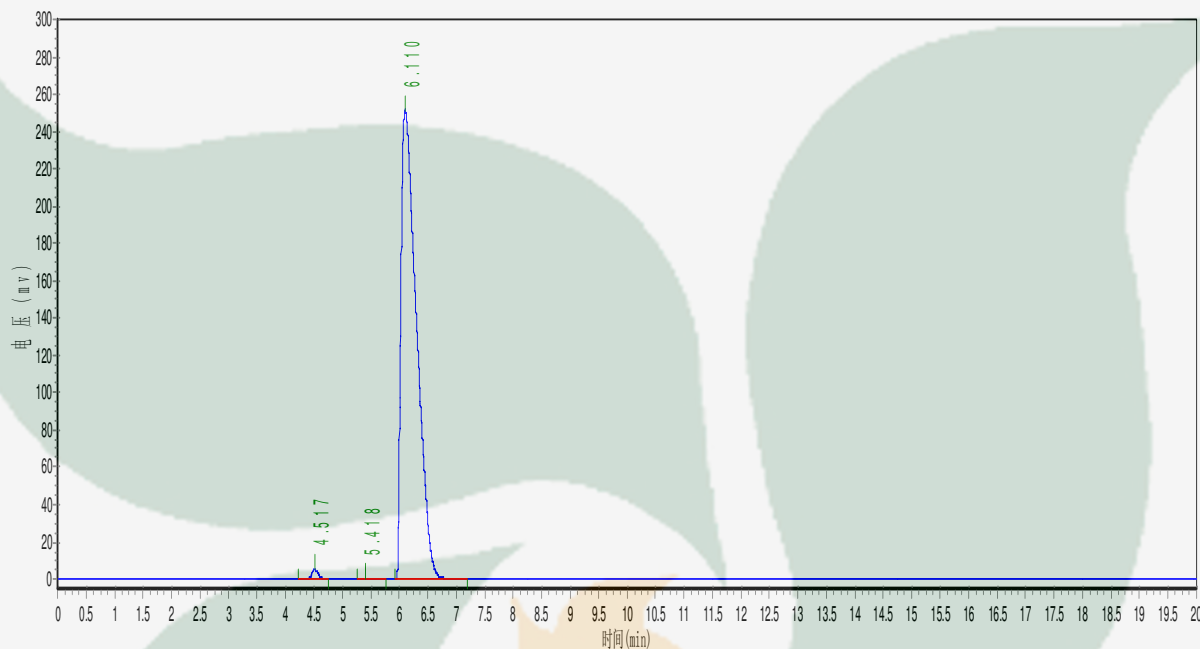
Analyst

Checker

Manager

Product Analysis Report

Product Name: Jatrorrhizine hydrochloride Chrom-Column: C18
Lot Number: 15060535 Mobile Phase: ACN:0.1%H₃PO₄ (30:70)
Detector: UV Wavelength: 310nm
Detect Time: 2015-06-05 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.517	5151.830	39446.254	0.8223
2	5.418	366.780	3514.850	0.0733
3	6.110	251259.906	4754238.000	99.1045