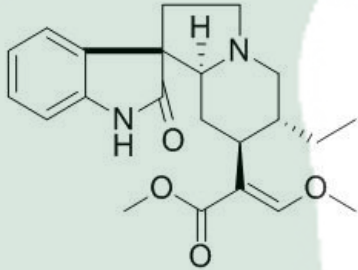


PRODUCT ID	E-0101	<p>Structure</p> 
PRODUCT	Isorhynchophylline/异钩藤碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	17070622	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-07-06	
DATE OF REPORT	2017-07-06	

OTHER NAME

CHEMICAL FORMULA

C₂₂H₂₈N₂O₄

MOLECULAR WEIGHT(MW)

384.46872

CAS NUMBER

6859-1-4

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

钩藤*Uncaria rhynchophylla* (Miq.) Miq. ex Havil.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

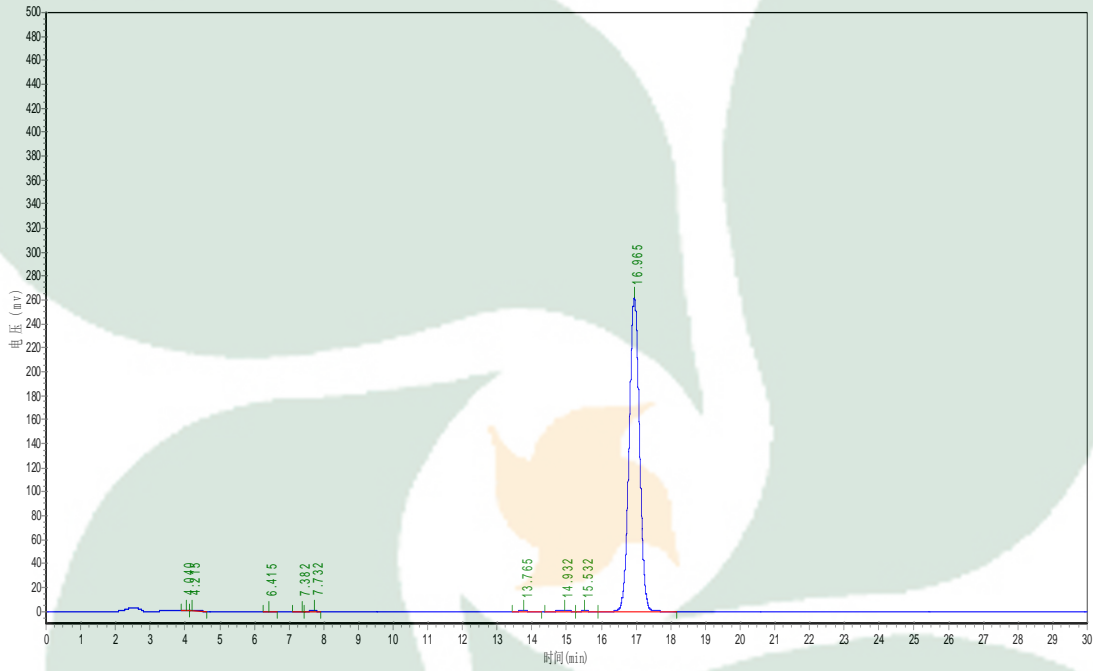
Analyst

Checker

Manager

Product Analysis Report

Product Name: Isorhynchophylline **Chrom-Column:** C18
Lot Number: 17070622 **Mobile Phase:** ACN:(0.7%KH₂PO₃+0.2%TEA)=45:55
Detector: UV **Wavelength:** 254nm
Detect Time: 2017-07-06 **Inject Vol:** 20ul
Analyst: zhanghong **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.040	211.402	1572.407	0.0290
2	4.215	157.782	1737.293	0.0320
3	6.415	23.600	285.900	0.0053
4	7.382	72.333	860.367	0.0159
5	7.732	145.583	2540.933	0.0468
6	13.765	333.941	5412.300	0.0997
7	14.932	866.207	16243.021	0.2993
8	15.532	250.250	4747.678	0.0875
9	16.965	262136.078	5393961.500	99.3846