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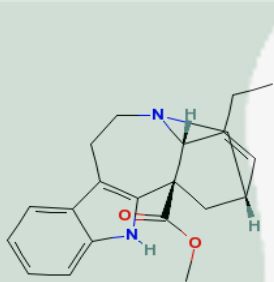
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PRODUCT ID	E-0182	Structure 
PRODUCT	Catharanthine / 长春质碱	
STANDARD TYPE	Qualitative Analysis/鉴别用	
LOT NUMBER	14091835	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2014-09-18	
DATE OF REPORT	2014-09-18	

CHEMICAL NAME

Methyl (2- α ,5- β ,6- α ,18- β)-3,4-didehydroibogamine-18-carboxylate

OTHER NAME

Catharanthin, (+)-3,4-Didehydrocoronaridine

CHEMICAL FORMULA

C₂₁H₂₄N₂O₂

MOLECULAR WEIGHT(MW)

336.42746

CAS NUMBER

2468-21-5

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

夹竹桃科植物长春花Catharanthus roseus (L.)G.Don的全草

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK191—2007	NLT $\geq$ 95.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK191—2007	NA	ND
Water	Q/TFFK191—2007	$\leq$ 2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

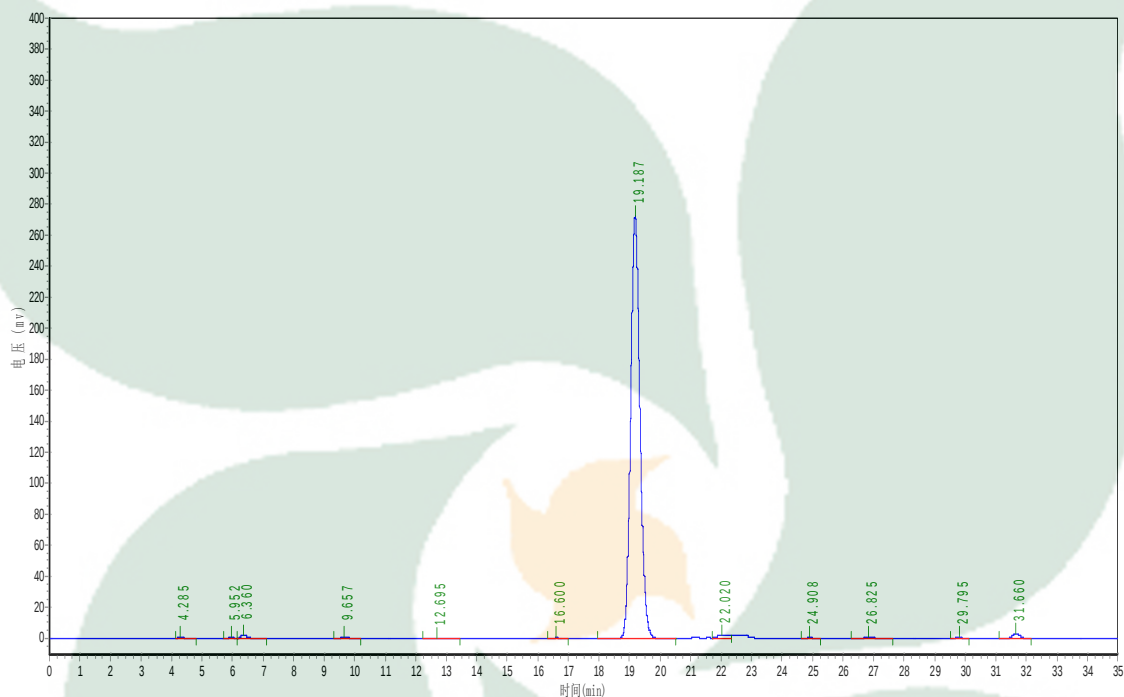
Analyst

Checker

Manager

Product Analysis Report

Product Name: Catharanthine **Chrom-Column:** C18
Lot Number: 14091835 **Mobile Phase:** MeOH:0.02M
NH4AC(Grads 60%-90%)
Detector: UV **Wavelength:** 280nm
Detect Time: 2014-09-18 **Inject Vol:** 20ul
Analyst: xiayuexia **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.285	773.384	9641.700	0.1591
2	5.952	912.346	13680.727	0.2258
3	6.360	2272.766	41375.918	0.6829
4	9.657	1117.128	22180.398	0.3661
5	12.695	424.053	13543.797	0.2235
6	16.600	460.620	8585.500	0.1417
7	19.187	272155.406	5817886.000	96.0239
8	21.170	502.610	17879.574	0.2913
9	22.020	2152.271	54564.758	0.9006
10	22.602	1751.972	61486.742	1.0017
11	24.908	450.429	7687.901	0.1269
12	26.825	717.122	17899.750	0.2954
13	29.795	444.189	7457.602	0.1231
14	31.660	2586.106	44288.102	0.7310