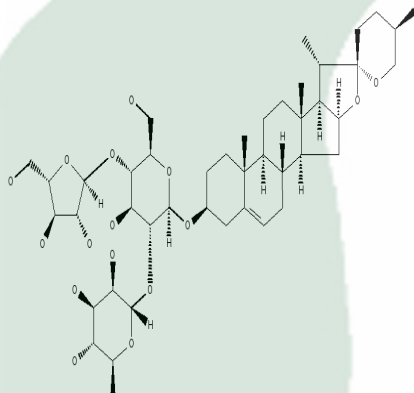


PRODUCT ID	E-0285	<p>Structure</p> 
PRODUCT	Polyphyllin I /重楼皂苷I	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15012021	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-01-20	
DATE OF REPORT	2015-01-20	

CHEMICAL NAME

β -D-Glucopyranoside, (3 β ,25R)-spirost-5-en-3-yl O- α -L-arabinofuranosyl-(1 \rightarrow 4)-O-[6-deoxy- α -L-mannopyranosyl-(1 \rightarrow 2)]-

OTHER NAME

Chonglou saponin I

CHEMICAL FORMULA

C₄₄H₇₀O₁₆

MOLECULAR WEIGHT(MW)

855.02

CAS NUMBER

50773-41-6

CHEMICAL FAMILY

Saponins皂苷类

FROM

百合科植物云南重楼Paris yunnanensis Franch. 的根茎

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT \geq 98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	\leq 2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

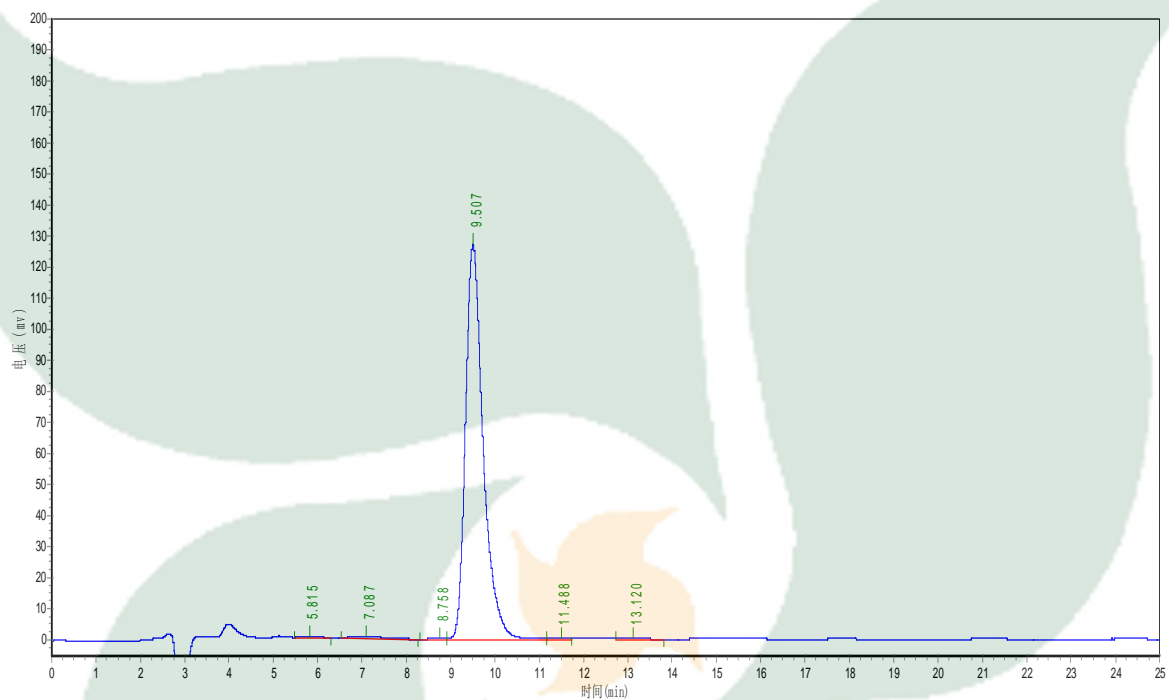
Analyst

Checker

Manager

Product Analysis Report

Product Name: Polyphyllin I **Chrom-Column:** C18
Lot Number: 15012021 **Mobile Phase:** MeOH:H2O (90:10)
Detector: UV **Wavelength:** 205nm
Detect Time: 2015-01-20 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.815	450.743	11031.821	0.3105
2	7.087	397.796	19536.451	0.5498
3	8.758	221.999	4691.655	0.1320
4	9.507	127292.469	3499442.000	98.4869
5	11.488	292.870	8575.015	0.2413
6	13.120	257.323	9930.152	0.2795