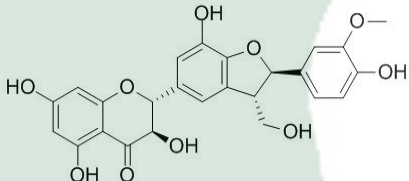


PRODUCT ID	E-0390	Structure 
PRODUCT	Silychristin /水飞蓟亭	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16122722	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-12-27	
DATE OF REPORT	2016-12-27	

CHEMICAL NAME

(2R,3R)-3,5,7-trihydroxy-2-[(2R,3S)-7-hydroxy-2-(4-hydroxy-3-methoxyphenyl)-3-(hydroxymethyl)-2,3-dihydro-1-benzofuran-5-yl]-2,3-dihydrochromen-4-one

OTHER NAME

Silicristin

CHEMICAL FORMULA

C₂₅H₂₂O₁₀

MOLECULAR WEIGHT(MW)

482.43618

CAS NUMBER

33889-69-9

CHEMICAL FAMILY

Flavonoids黄酮类

FROM

菊科水飞蓟属植物水飞蓟Silybum marianum(L.)Gaertn. 的全草及瘦果

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK100—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK100—2007	NA	ND
Water	Q/TFFK100—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: Silychristin

Lot Number: 16122722

Temperature: 25°C

Detect Time: 2016-12-27

Analyst: zhanghong

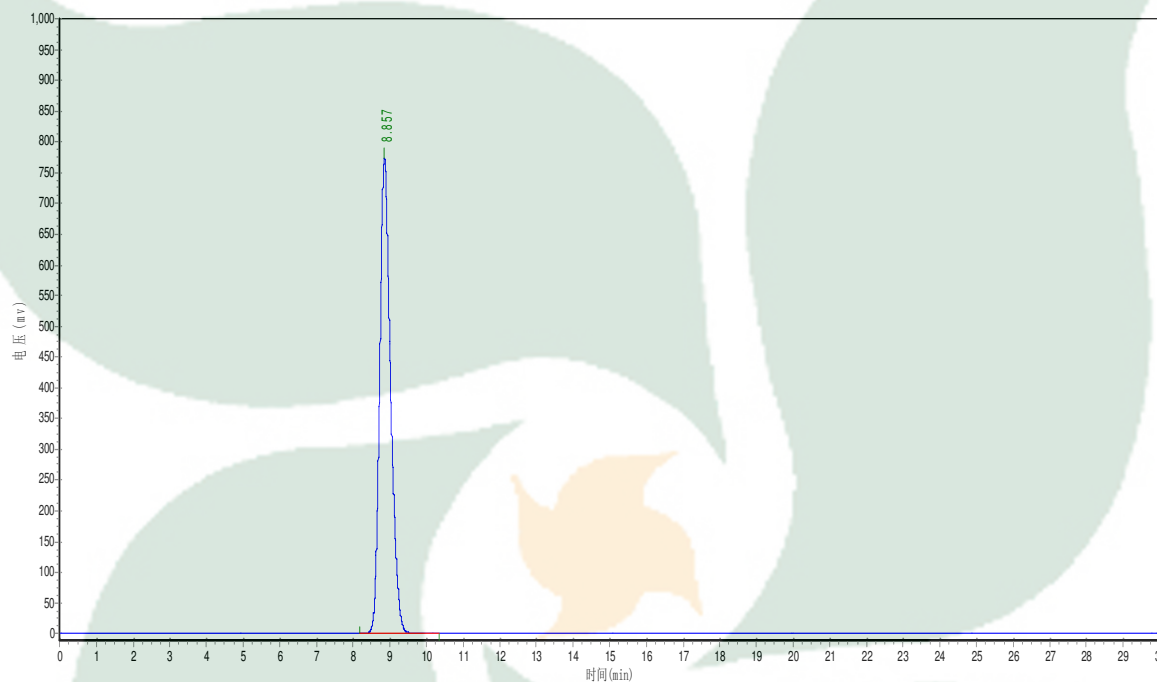
Chrom-Column: C18

Mobile Phase: MeOH:0.1%H₃PO₄=4
8:52

Wavelength: 287nm

Inject Vol: 20μL

Flow: 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.857	772333.063	16020490.000	100.0000