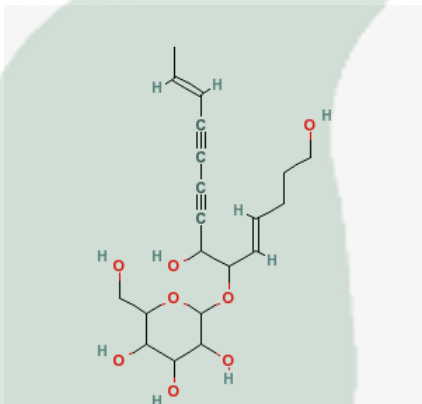


PRODUCT ID	E-0316	Structure 
PRODUCT	Lobetyolin /党参炔苷	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17050221	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-05-02	
DATE OF REPORT	2017-05-02	

CHEMICAL NAME 2-[(4E,12E)-1,7-dihydroxytetradeca-4,12-dien-8,10-diyn-6-yl]oxy-6-(hydroxymethyl)oxane-3,4,5-triol

OTHER NAME

CHEMICAL FORMULA C₂₀H₂₈O₈

MOLECULAR WEIGHT(MW) 396.43152

CAS NUMBER 136085-37-5

CHEMICAL FAMILY Glycosides 苷

FROM 桔梗科植物党参Codonopsis pilosula(Franch.)Nannf.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK332—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK332—2007	NA	ND
Water	Q/TFFK332—2007	≤2%	Conforms
Appearance		Pale Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Lobetyolin

Chrom-Column: C18

Lot Number: 17050221

Mobile Phase: ACN:H₂O (21:79)

Detector: UV

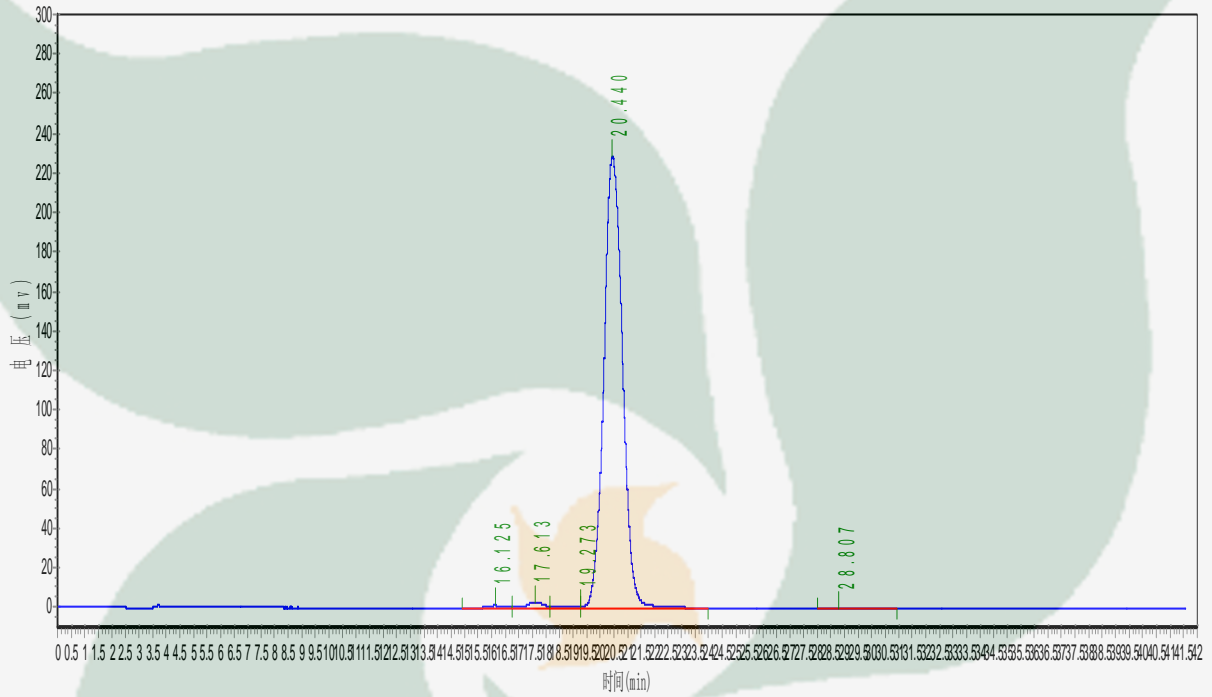
Wavelength: 267nm

Detect Time: 2017-05-02

Inject Vol: 20ul

Analyst: shuzhilin

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	16.125	1228.805	59401.688	0.5306
2	17.613	3227.179	142377.172	1.2718
3	19.273	793.522	45597.320	0.4073
4	20.440	228651.094	10944596.000	97.7610
5	28.807	61.436	3283.652	0.0293