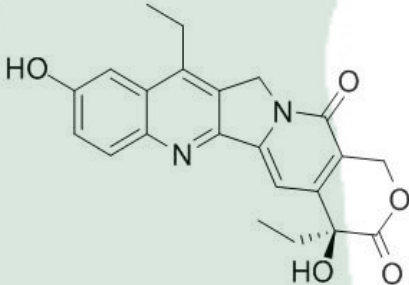


PRODUCT ID	E-0291	Structure 
PRODUCT	7-Ethyl-10-Hydroxycamptothecin /7-乙基-10-羟基喜树碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16110241	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-11-02	
DATE OF REPORT	2016-11-02	

CHEMICAL NAME
OTHER NAME
CHEMICAL FORMULA

 C₂₂H₂₀N₂O₅
MOLECULAR WEIGHT(MW)

392.4046

CAS NUMBER

86639-52-3

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

珙桐科植物喜树Camptotheca acuminata Decne的果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK13—2004	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK13—2004	NA	ND
Water	Q/TFFK13—2004	≤2%	Conforms
Appearance		Pale Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

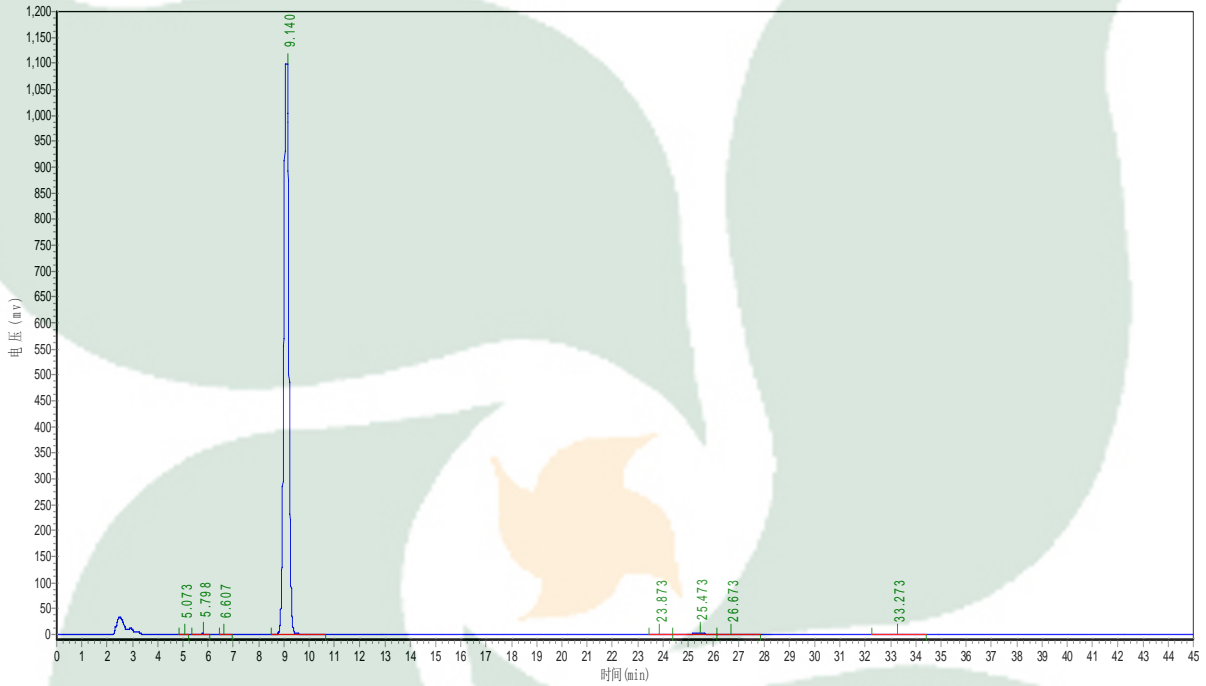
Checker

Manager

Product Analysis Report

Product Name: 7-Ethyl-10-Hydroxycamptothecin
Lot Number: 16110241
Detector: UV
Detect Time: 2016-11-02
Analyst: zhanghong

Chrom-Column: C18
Mobile Phase: ACN:0.1%H3PO4=30:70
Wavelength: 249nm
Inject Vol: 20ul
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.073	430.356	4894.178	0.0311
2	5.798	1522.857	14777.600	0.0940
3	6.607	523.634	5355.925	0.0341
4	9.140	1097810.625	15557427.000	98.9713
5	23.873	233.370	7311.601	0.0465
6	25.473	3161.222	99560.695	0.6334
7	26.673	305.111	10437.979	0.0664
8	33.273	436.875	19365.100	0.1232