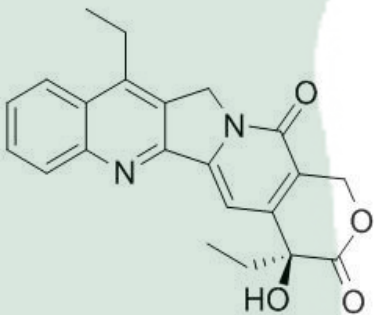


PRODUCT ID	E-0352	Structure 
PRODUCT	7-Ethylcamptothecin/7-乙基喜树碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16062241	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2016-06-22	
DATE OF REPORT	2016-06-22	

CHEMICAL NAME 1H-Pyrano(3',4':6,7)indolizino(1,2-b)quinoline-3,14(4H,12H)-dione, 4,11-diethyl-4-hydroxy-, (S)-

OTHER NAME

CHEMICAL FORMULA C₂₂H₂₀N₂O₄

MOLECULAR WEIGHT(M) 376.4052

CAS NUMBER 78287-27-1

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/TFFK359—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK359—2007	NA	ND
Water	Q/TFFK359—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label
 SHELF LIFE 2 Years

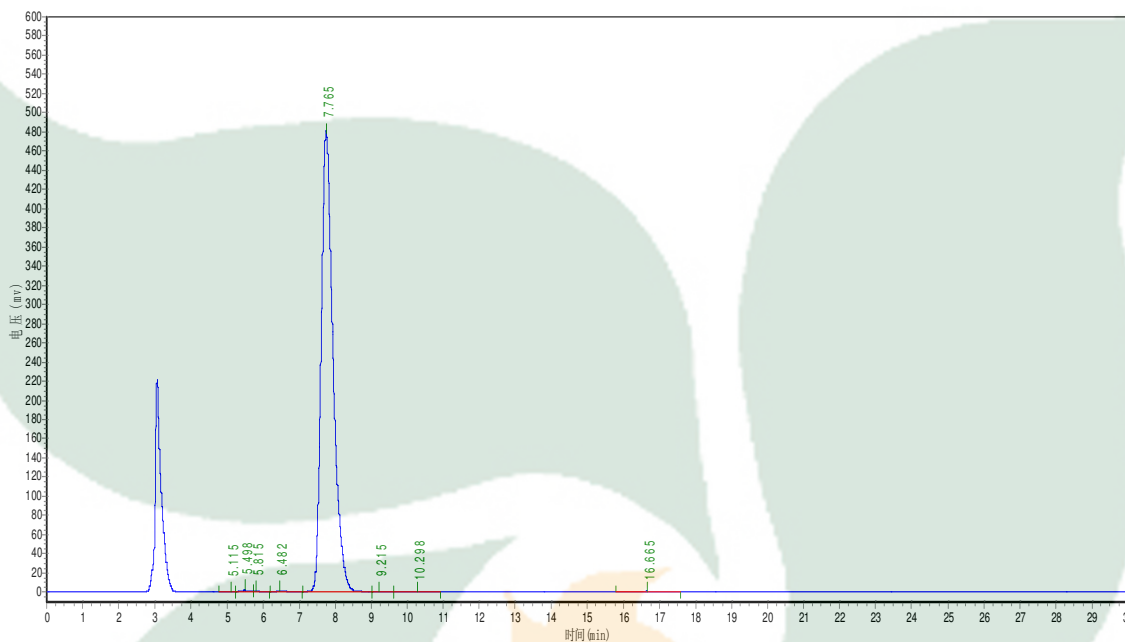
Analyst

Checker

Manager

Product Analysis Report

Product Name: 7-Ethylcamptothecin Chrom-Column: C18
Lot Number: 16062241 Mobile Phase: MeOH:H2O=65:35
Detector: UV Wavelength: 254nm
Detect Time: 2016-06-22 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.115	795.805	12636.156	0.1136
2	5.498	2136.877	42427.547	0.3813
3	5.815	914.414	14376.327	0.1292
4	6.482	1123.757	34748.660	0.3123
5	7.765	479752.031	10968181.000	98.5825
6	9.215	303.661	6359.477	0.0572
7	10.298	296.000	11473.800	0.1031
8	16.665	962.704	35691.199	0.3208