



同田生物
TAUTO BIOTECH

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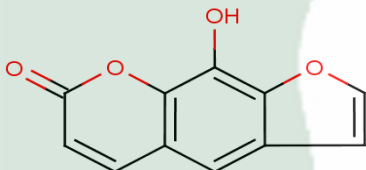
86-21-51320588-8008/8035/8026/8025

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PRODUCT ID	E-1080	Structure 
PRODUCT	Xanthotoxol/花椒毒酚	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	15060226	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-06-02	
DATE OF REPORT	2015-06-02	

CHEMICAL NAME

9-hydroxy-7H-furo[3,2-g][1]benzopyran-7-one
Xanthotoxol; 5-19-06-00014 (Beilstein Handbook Reference);
6,7-Dihydroxy-5-benzofuranacrylic acid gamma-lactone; 8-Hydroxypsoralen; 8-Hydroxypsoralene; 9-Hydroxy-7H-furo(3,2-g)(1)benzopyran-7-one; BRN 0189491; NSC 401269; Psoralen, 8-hydroxy-; Xanthotoxol (6CI); 5-Benzofuranacrylic acid, 6,7-dihydroxy-, gamma-lactone (7CI); 7H-Furo(3,2-g)(1)benzopyran-7-one, 9-hydroxy-; 9-hydroxy-7H-furo[3,2-g]chromen-7-one

OTHER NAME

CHEMICAL FORMULA

C₁₁H₆O₄

MOLECULAR WEIGHT(MW)

202.1629

CAS NUMBER

2009-24-7

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK598—2008	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK598—2008	NA	ND
Water	Q/TFFK598—2008	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

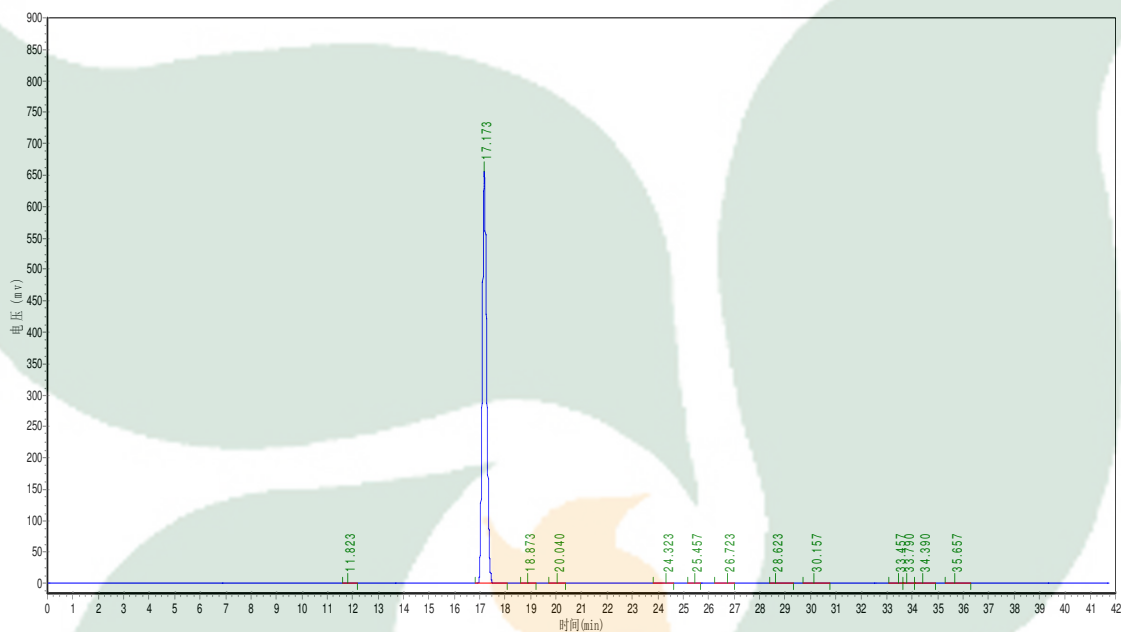
Analyst

Checker

Manager

Product Analysis Report

Product Name:	Xanthotoxol	Chrom-Column:	Kromasil C18
Lot Number:	15060226	Mobile Phase:	ACN:H2O(Grads)
Detector:	UV	Wavelength:	314nm
Detect Time:	2015-06-02	Inject Vol:	20ul
Analyst:	zhufangfang	Flow:	1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	11.823	833.296	7334.200	0.0929
2	17.173	654145.063	7807656.000	98.9467
3	18.873	1012.040	13056.950	0.1655
4	20.040	875.078	10140.150	0.1285
5	24.323	518.478	8483.065	0.1075
6	25.457	970.029	11921.574	0.1511
7	26.723	240.750	3197.300	0.0405
8	28.623	402.571	5943.352	0.0753
9	30.157	258.768	5367.729	0.0680
10	33.457	306.600	4464.627	0.0566
11	33.790	246.691	4023.554	0.0510
12	34.390	288.855	4891.918	0.0620
13	35.657	266.387	4286.500	0.0543

Grads

time/min	0	40
ACN	10	90
H2O	90	10