



同田生物
TAUTO BIOTECH

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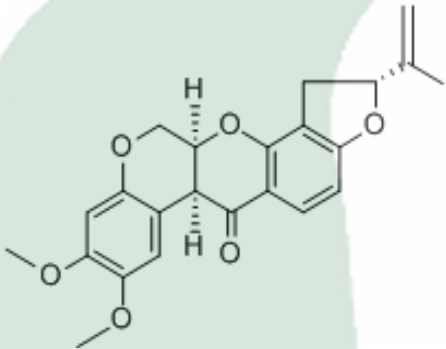
86-21-51320588-8008/8035/8026/8025

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PRODUCT ID	E-2403	Structure 
PRODUCT	rotenone/鱼藤酮	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18051023	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-10	
DATE OF REPORT	2018-05-10	

OTHER NAME NA

CHEMICAL FORMULA C₂₃H₂₂O₆

MOLECULAR WEIGHT(MW) 394.42

CAS NUMBER 83-79-4

CHEMICAL FAMILY

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK224—2007	NLT ≥93.0%	93.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK224—2007	NA	ND
Water	Q/TFFK224—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE
SHELF LIFE

Refer to the label
2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: rotenone

Chrom-Column: Arcus C18

Lot Number: 18051023

Mobile Phase: ACN:0.1%H3PO4(55:45)

Temperature: 40°C

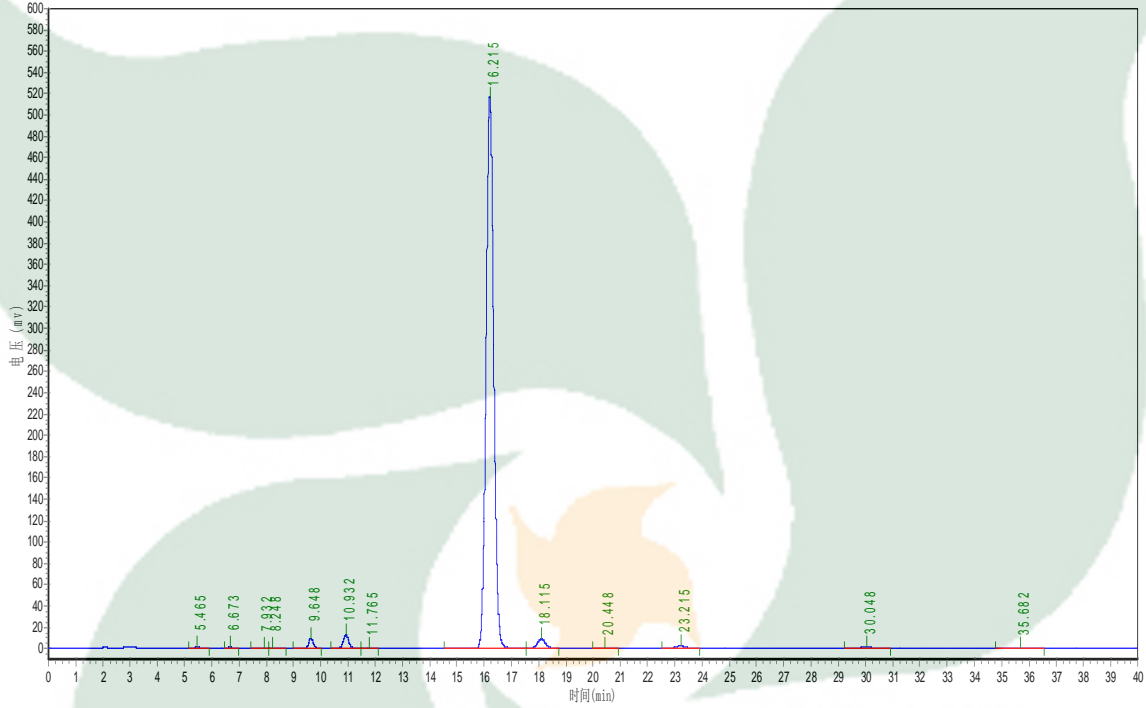
Wavelength: 220nm

Detect Time: 2018-05-10

Inject Vol: 20µL

Sample: MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.465	1973.534	25158.199	0.2347
2	6.673	1149.190	13134.400	0.1225
3	7.932	681.744	9289.841	0.0866
4	8.248	497.103	7534.459	0.0703
5	9.648	9089.483	113597.500	1.0596
6	10.932	13143.154	186106.391	1.7359
7	11.765	470.615	6736.111	0.0628
8	16.215	516173.000	10036762.000	93.6164
9	18.115	8962.154	190915.453	1.7807
10	20.448	538.036	12192.100	0.1137
11	23.215	2475.619	65452.301	0.6105
12	30.048	1273.618	42726.852	0.3985
13	35.682	293.038	11553.800	0.1078