



同田生物
TAUTO BIOTECH

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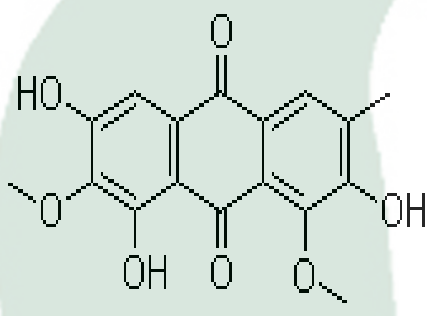
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PRODUCT ID	E-0682	<p align="center">Structure</p> 
PRODUCT	Aurantio-obtusin/橙黄决明素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18060621	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-06-06	
DATE OF REPORT	2018-06-06	

OTHER NAME 1,3,7-trihydroxy-2,8-dimethoxy-6-methylantracene-9,10-dione

CHEMICAL FORMULA C₁₇H₁₄O₇

MOLECULAR WEIGHT(MV) 330.29

CAS NUMBER 67979-25-3

CHEMICAL FAMILY Anthraquinones

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK528—2007	NLT ≥98.0%	99.7%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK528—2007	NA	ND
Water	Q/TFFK528—2007	≤2%	Conforms
Appearance		Orange Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Aurantio-obtusin

Chrom-Column: C18

Lot Number: 18060621

Mobile Phase: ACN:0.1%H3PO4(gradient)

Detector: UV

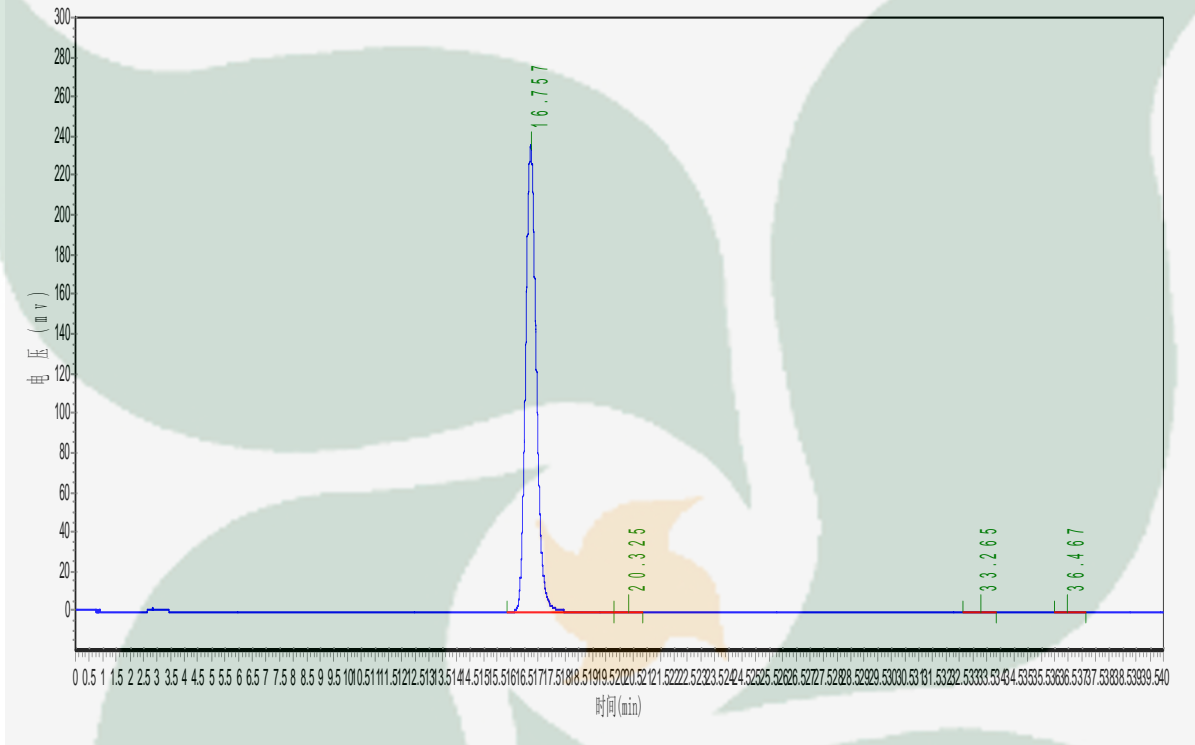
Wavelength: 284nm

Detect Time: 2018-06-06

Inject Vol: 20ul

Sample: MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	16.757	235447.422	6509848.500	99.7332
2	20.325	373.372	9212.536	0.1411
3	33.265	106.909	4075.610	0.0624
4	36.467	109.294	4129.000	0.0633
Grads				
time/min	0	15	30	40
ACN	40	40	90	90
0.1%H3PO4	60	60	10	10