



同田生物  
TAUTO BIOTECH

地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

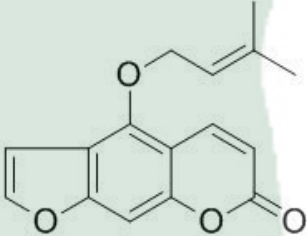
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

PRODUCT ID	E-0233	<b>Structure</b> 
PRODUCT	Isoimperatorin/异欧前胡素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18050941	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-09	
DATE OF REPORT	2018-05-09	

OTHER NAME 4-Prenyloxypsoralen; Auraptin; Cnidin

CHEMICAL FORMULA C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

MOLECULAR WEIGHT(MW) 270.27996

CAS NUMBER 482-45-1

CHEMICAL FAMILY Coumarins

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK675—2010	NLT ≥98.0%	98.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK675—2010	NA	ND
Water	Q/TFFK675—2010	≤2%	Conforms
Appearance		White Crystal	Conforms

#### STORAGE CONDITIONS

STORAGE Refer to the label  
SHELF LIFE 2 Years

Analyst

Checker

Manager

# Product Analysis Report

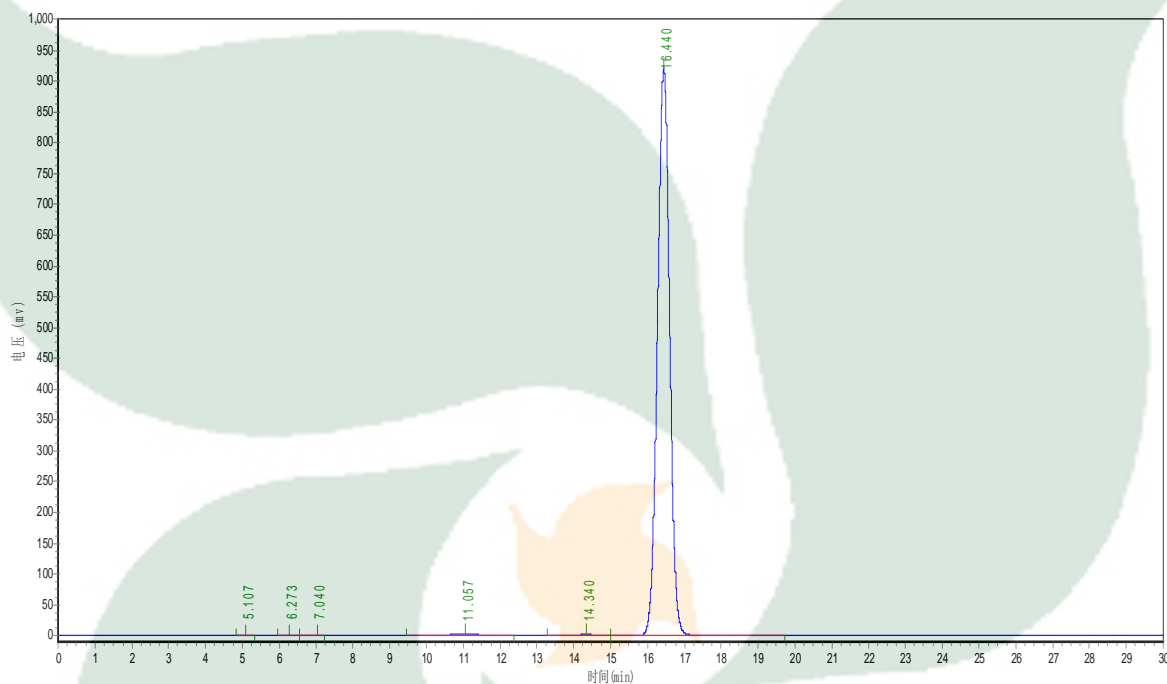
**Product Name:** Isoimperatorin **Chrom-Column** C18

**Lot Number:** 18050941 **Mobile Phase:** MeOH:0.1%H3PO4=70:30

**Detector:** UV **Wavelength:** 310nm

**Detect Time:** 2018-05-09 **Inject Vol:** 20ul

**Sample dissolution:** MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.107	231.869	2807.850	0.0131
2	6.273	149.833	1913.500	0.0090
3	7.040	467.741	4889.300	0.0229
4	11.057	3114.194	164756.094	0.7708
5	14.340	2694.077	56583.102	0.2647
6	16.440	911446.063	21142942.000	98.9195