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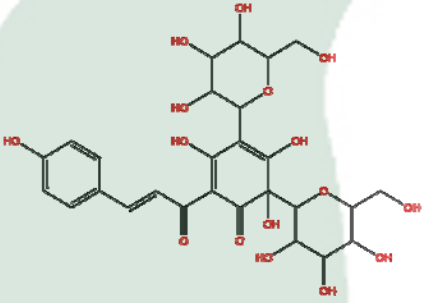
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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URL: www.tautobiotech.com

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PRODUCT ID	E-0469	Structure 
PRODUCT	Hydroxysafflor yellow A /羟基红 花黄色素A	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	18011621	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-01-16	
DATE OF REPORT	2018-01-16	

OTHER NAME Safflorin A

CHEMICAL FORMULA C₂₇H₃₂O₁₆

MOLECULAR WEIGHT(MW) 612.52

CAS NUMBER 78281-02-4

CHEMICAL FAMILY Chalcones

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK379—2007	NLT ≥98.0%	98.2%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK379—2007	NA	ND
Water	Q/TFFK379—2007	≤2%	Conforms
Appearance		Pale yellow powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

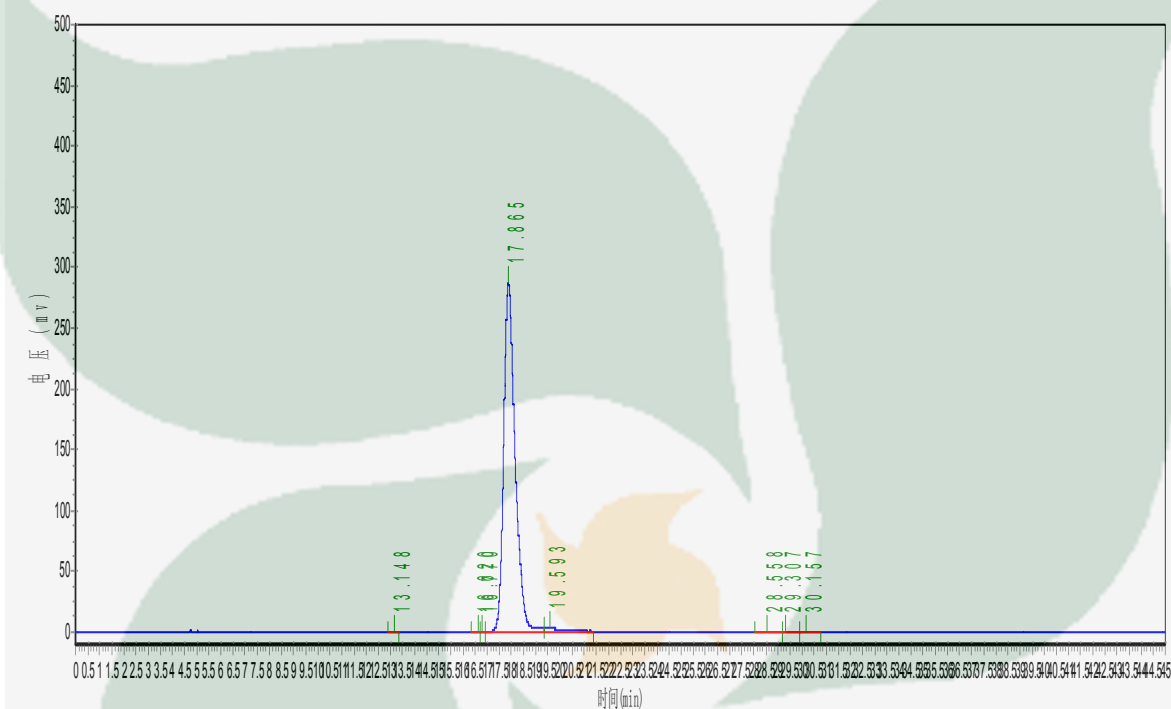
Product Name: Hydroxysafflor yellow A Chrom-Column: C18

Lot Number: 18011621 Mobile Phase: MeOH:ACN:0.1%H₃PO₄ (26:2:72)

Temperature: 25°C Wavelength: 403nm

Detect Time: 2018-01-16 Inject Vol: 20μL

Sample 40%MeOH Flow: 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	13.148	162.667	1996.405	0.0209
2	16.620	331.340	5396.047	0.0566
3	16.770	253.694	1466.429	0.0154
4	17.865	287078.188	9373869.000	98.2551
5	19.593	2386.042	132722.047	1.3912
6	28.558	341.140	10135.365	0.1062
7	29.307	271.181	7990.258	0.0838
8	30.157	220.522	6761.886	0.0709