



同田生物
TAUTO BIOTECH

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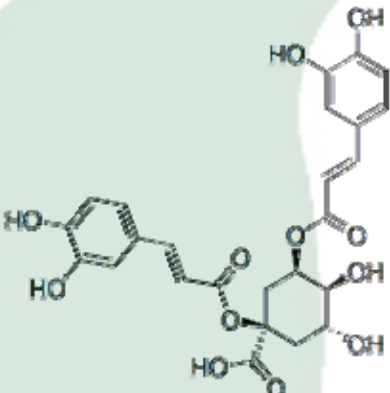
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PRODUCT ID	E-0447	Structure 
PRODUCT	1,5-Dicaffeoylquinic acid/1,5-二咖啡酰奎宁酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18042523	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-25	
DATE OF REPORT	2018-04-25	

OTHER NAME Cynarine, Cinarine
CHEMICAL FORMULA C₂₅H₂₄O₁₂
MOLECULAR WEIGHT(MW) 516.46
CAS NUMBER 30964-13-7
CHEMICAL FAMILY Phenolic Acids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT ≥98.0%	98.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—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: 1,5-Dicaffeoylquinic acid **Chrom-Column:** C18

Lot Number: 18042523

Mobile Phase: ACN:0.1%H3PO4 (grads)

Detector: UV

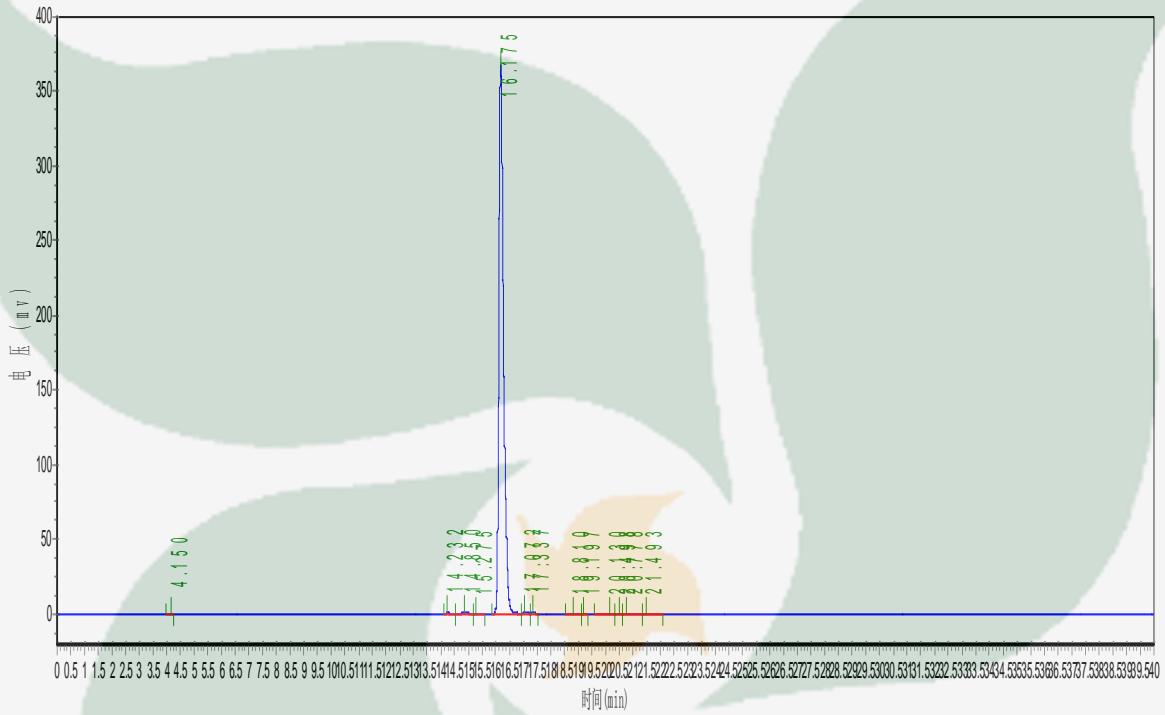
Wavelength: 320nm

Detect Time: 2018-04-25

Inject Vol: 20ul

Sample dissolution: MeOH:0.1%H3PO4=1:1

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.150	91.750	1013.000	0.0235
2	14.232	549.459	6019.800	0.1394
3	14.850	1139.760	15523.084	0.3594
4	15.275	226.390	3055.750	0.0708
5	16.175	368091.313	4254861.000	98.5150
6	17.072	1055.348	9773.267	0.2263
7	17.337	622.146	5107.245	0.1183
8	18.810	122.735	1465.521	0.0339
9	19.197	109.178	877.987	0.0203
10	20.130	319.959	7652.445	0.1772
11	20.498	293.913	3922.267	0.0908
12	20.778	416.924	8195.536	0.1898
13	21.493	135.595	1531.910	0.0355

grads

Time/min

0

40