



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

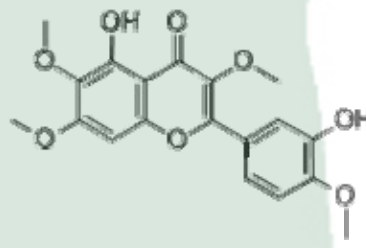
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

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

PRODUCT ID	E-0415	Structure 
PRODUCT	Casticin / 蔓荆子黄素	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16121321	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-12-13	
DATE OF REPORT	2016-12-13	

CHEMICAL NAME 5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-3,6,7-trimethoxychromen-4-one

OTHER NAME Vitexicarpin, 3',5-Dihydroxy-3,4',6,7-tetramethoxyflavone

CHEMICAL FORMULA C₁₉H₁₈O₈

MOLECULAR WEIGHT(MW) 374.34142

CAS NUMBER 479-91-4

CHEMICAL FAMILY Flavonoids黄酮类

FROM 马鞭草科植物单叶蔓荆Vitex trifolia L. var. simplicifolia Cham.的果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK720-2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK720-2010	NA	ND
Water	Q/TFFK720-2010	≤2%	Conforms
Appearance		yellow powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

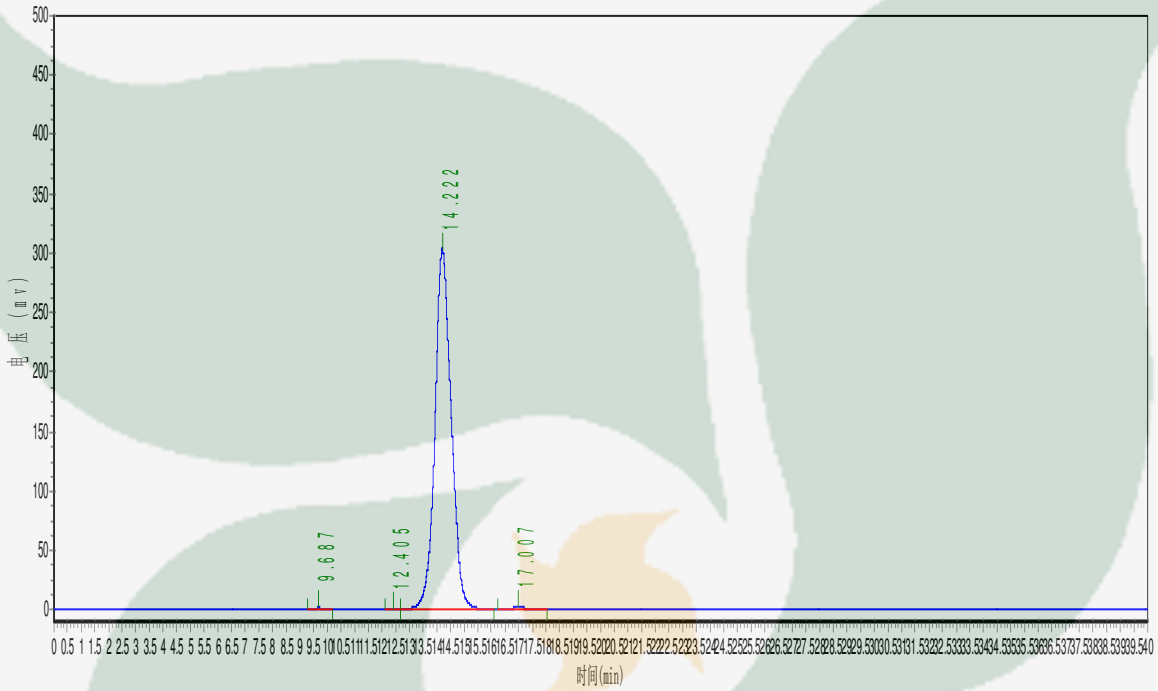
SHELF LIFE 2 Years

Analyst Checker Manager

Product Analysis Report

Product Name: Casticin
Lot Number: 16121321
Detector: UV
Detect Time: 2016-12-13
Analyst: shuzhilin

Chrom-Colour Arcus C18
Mobile Phase MeOH:0.1%H3PO4(65:35)
Wavelength: 258nm
Inject Vol: 20ul
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	9.687	1103.051	31241.865	0.2470
2	12.405	275.301	7181.382	0.0568
3	14.222	304024.938	12546250.000	99.1743
4	17.007	1253.726	66033.430	0.5220