



同田生物
TAUTO BIOTECH

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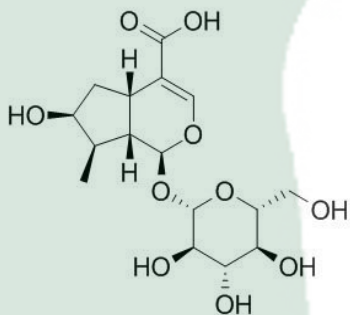
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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URL: www.tautobiotech.com

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PRODUCT ID	E-0740	<p align="center">Structure</p> 
PRODUCT	Loganic acid/马钱苷酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17111021	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-11-10	
DATE OF REPORT	2017-11-10	

OTHER NAME Norloganin

CHEMICAL FORMULA C₁₆H₂₄O₁₀

MOLECULAR WEIGHT(MW) 376.36

CAS NUMBER 22255-40-9

CHEMICAL FAMILY Iridoids环烯醚萜类

FROM 秦艽 *Gentiana macrophylla* Pall.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	≤2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Loganic acid

Chrom-Colur Arcus C18

Lot Number: 17111021

Mobile Phase ACN:0.1%H3PO4 (8:92)

Detector: UV

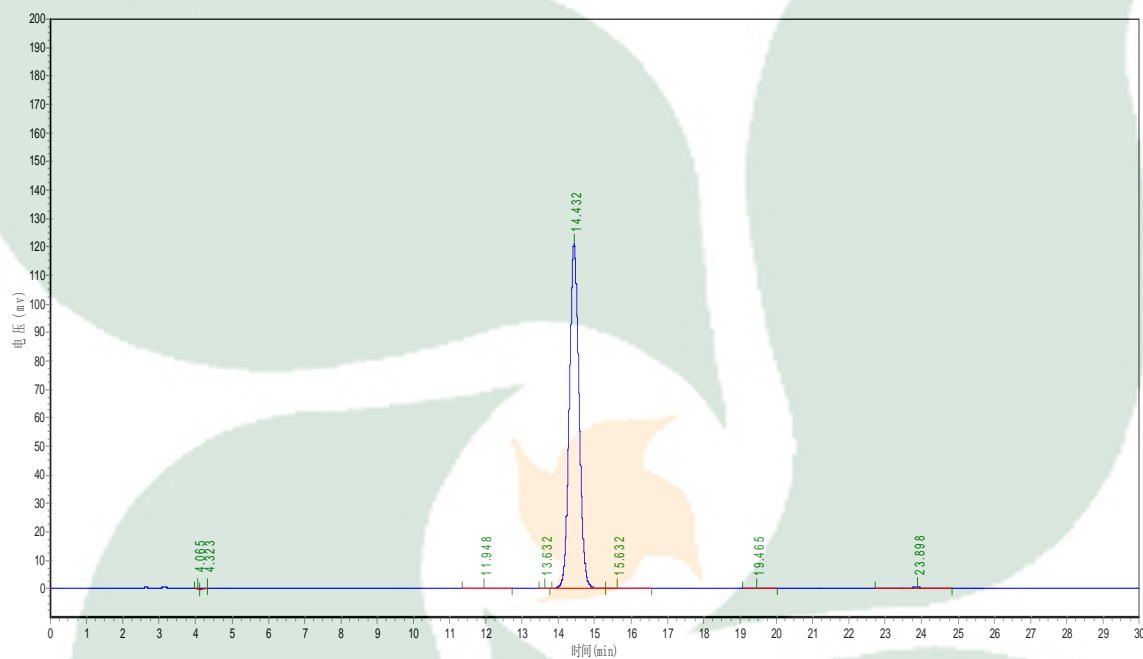
Wavelength: 254nm

Detect Time: 2017-11-10

Inject Vol: 20ul

Analyst: zhanghong

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.065	380.650	1381.600	0.0605
2	4.323	5.600	456.750	0.0200
3	11.948	60.338	3823.081	0.1674
4	13.632	123.962	2144.517	0.0939
5	14.432	119796.430	2257827.000	98.8670
6	15.632	127.624	5607.891	0.2456
7	19.465	68.828	1478.300	0.0647
8	23.898	370.778	10982.700	0.4809