



同田生物
TAUTO BIOTECH

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PRODUCT ID	E-0035	Structure
PRODUCT	Rutaecarpine /吴茱萸次碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	17052441	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-05-24	
DATE OF REPORT	2017-05-24	

CHEMICAL NAME

Indolo(2',3':3,4)pyrido(2,1-b)quinazolin-5(7H)-one, 8,13-dihydro- (9CI)

OTHER NAME

CHEMICAL FORMULA

C₁₈H₁₃N₃O

MOLECULAR WEIGHT(MW)

287.31

CAS NUMBER

84-26-4

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

芸香科植物吴茱萸 *Evodia rutaecarpa* (Juss.) Benth. 的近成熟果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK41—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK41—2006	NA	ND
Water	Q/TFFK41—2006	≤2%	Conforms
Appearance		Pale Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

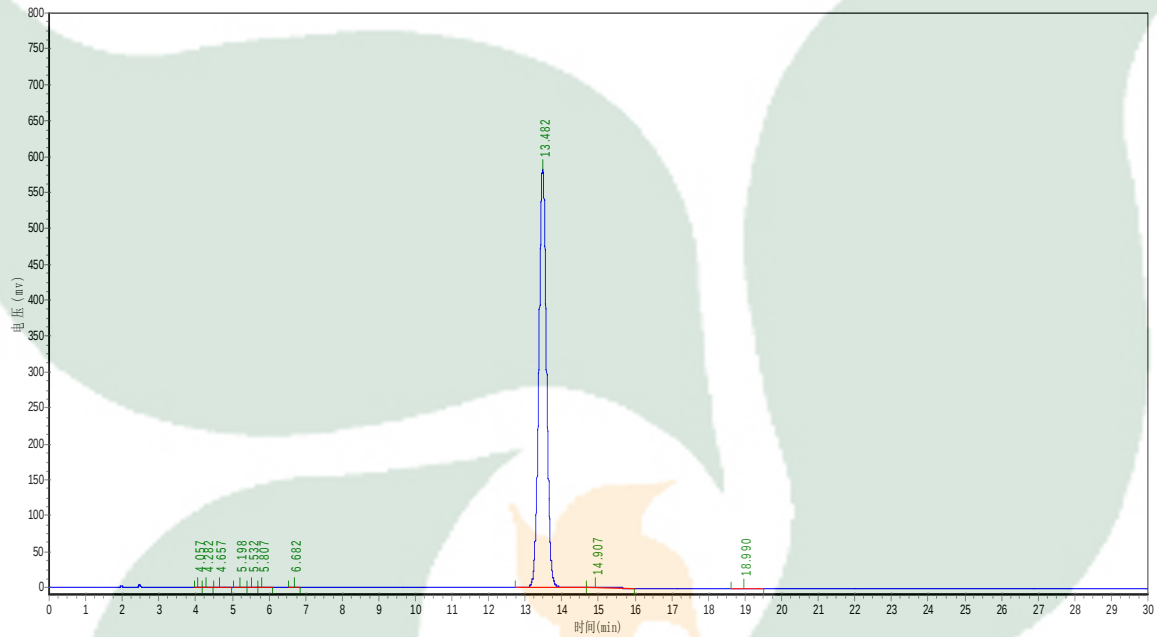
Product Name: Rutaecarpine Chrom-Column: C18

Lot Number: 17052441 Mobile Phase: ACN:0.1%H3PO4=52:48

Detector: UV Wavelength: 225nm

Detect Time: 2017-05-24 Inject Vol: 20ul

Analyst: zhanghong Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.057	257.984	1365.023	0.0159
2	4.282	60.639	544.927	0.0064
3	4.657	413.373	2991.200	0.0349
4	5.198	660.286	4622.700	0.0539
5	5.532	160.419	1194.486	0.0139
6	5.807	97.407	1210.707	0.0141
7	6.682	76.564	607.650	0.0071
8	13.482	582509.875	8547546.000	99.7553
9	14.907	297.893	6879.130	0.0803
10	18.990	74.241	1551.300	0.0181