



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

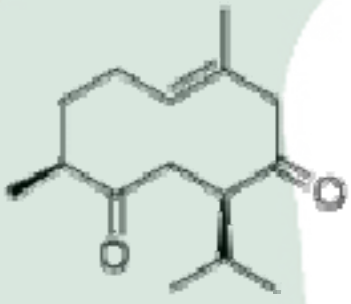
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

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

PRODUCT ID	E-0406	Structure 
PRODUCT	Curdione/莪术二酮	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	17101323	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2017-10-13	
DATE OF REPORT	2017-10-13	

OTHER NAME	莪二酮
CHEMICAL FORMULA	C ₁₅ H ₂₄ O ₂
MOLECULAR WEIGHT(MW)	236.34986
CAS NUMBER	13657-68-6
CHEMICAL FAMILY	Sesquiterpene 倍半萜
FROM	姜科植物姜黄Curcuma longa L.的根茎

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK284—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK284—2007	NA	ND
Water	Q/TFFK284—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE
SHELF LIFE

Refer to the label
2 Years

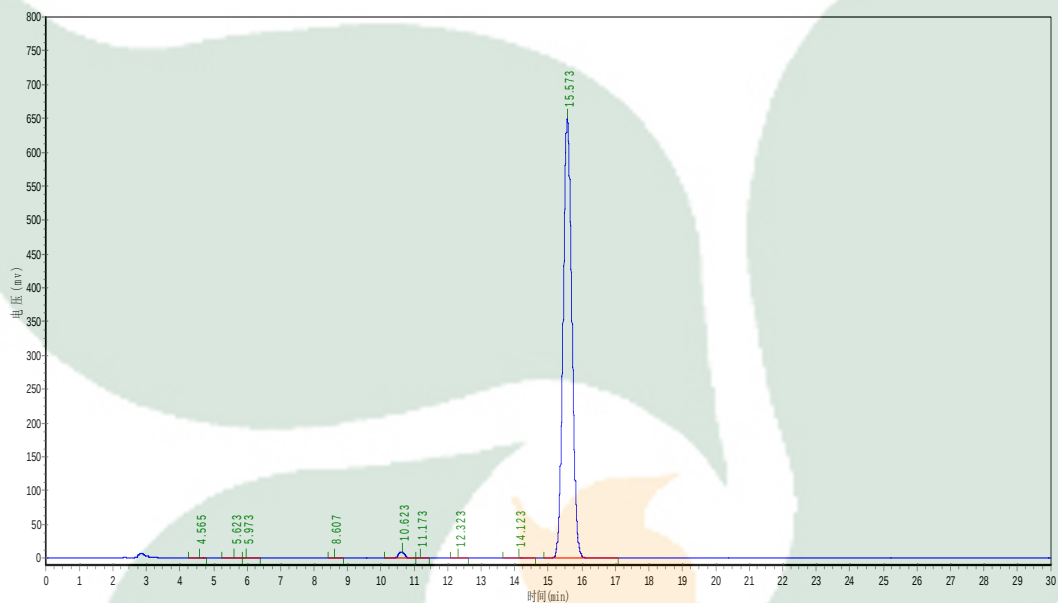
Analyst

Checker

Manager

Product Analysis Report

Product Name: Curdione Chrom-Column: Kromasil C18
Lot Number: 17101323 Mobile Phase: ACN:0.1%H3PO4=55:45
Detector: UV Wavelength: 210nm
Detect Time: 2017-10-13 Inject Vol: 20ul
Analyst: zhanghong Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.565	292.429	2817.300	0.0235
2	5.623	286.696	6564.426	0.0547
3	5.973	204.087	2871.274	0.0239
4	8.607	37.815	395.400	0.0033
5	10.623	9230.737	128619.102	1.0710
6	11.173	72.200	958.200	0.0080
7	12.323	40.594	765.600	0.0064
8	14.123	477.655	8218.900	0.0684
9	15.573	650420.000	11858162.000	98.7409