



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-1084 | Structure |
| PRODUCT | Harringtonine/三尖杉酯碱 | |
| STANDARD TYPE | Quantitative Reference Material (含量测定) | |
| LOT NUMBER | 15082124 | |
| ASSAY METHOD | HPLC,NMR | |
| DATE OF SAMPLE | 2015-08-21 | |
| DATE OF REPORT | 2015-08-21 | |

CHEMICAL NAME

OTHER NAME

Cephalotaxine 4-methyl 2-hydroxy-2-(3-hydroxy-3-methylbutyl)-butanedioate (ester)

CHEMICAL FORMULA

C₂₈H₃₇N₉O₉

MOLECULAR WEIGHT(M

531.58

CAS NUMBER

26833-85-2

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|---------------|----------|
| HPLC | Q/TFFK790—2010 | NLT ≥96.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK790—2010 | NA | ND |
| Water | Q/TFFK790—2010 | ≤2% | Conforms |
| Appearance | | white Powder | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

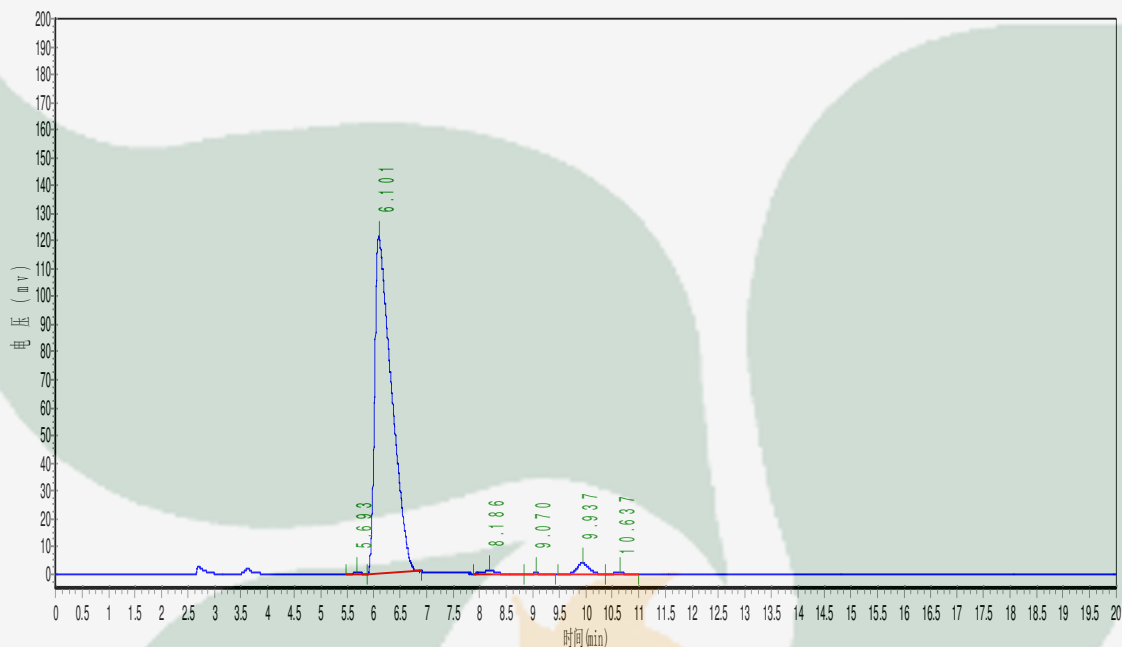
Analyst

Checker

Manager

Product Analysis Report

Product Name: Harringtonine Chrom-Column: C18
Lot Number: 15082124 Mobile Phase: ACN: 0.1%H3PO4= (20: 80)
Temperature: 25°C Wavelength: 227nm
Detect Time: 2015-08-21 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



| No. | Ret.Time | Height | Area | Rel.Area |
|-----|----------|------------|-------------|----------|
| 1 | 5.693 | 481.551 | 3939.500 | 0.1432 |
| 2 | 6.101 | 121362.758 | 2661994.750 | 96.7513 |
| 3 | 8.186 | 1185.947 | 15968.300 | 0.5804 |
| 4 | 9.070 | 235.000 | 3066.200 | 0.1114 |
| 5 | 9.937 | 3918.435 | 60869.684 | 2.2123 |
| 6 | 10.637 | 335.587 | 5539.518 | 0.2013 |