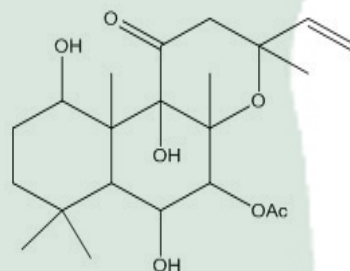


| | | |
|-----------------------|---------------------------------------|---|
| PRODUCT ID | E-0944 | Structure  |
| PRODUCT | Forskolin/佛司可林 | |
| STANDARD TYPE | Quantitative Reference Standard/ 含量测定 | |
| LOT NUMBER | 16101631 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2016-10-16 | |
| DATE OF REPORT | 2016-10-16 | |

CHEMICAL NAME

OTHER NAME

Coleonol; Colforsin; ForsLean;

CHEMICAL FORMULA

C₂₂H₃₄O₇

MOLECULAR WEIGHT(MW)

410.5

CAS NUMBER

66575-29-9

CHEMICAL FAMILY

Diterpenoids 二萜类

FROM

Coleus forskohlii and Coleus barbatus 毛喉鞘蕊花

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|---------------|---------------|----------|
| HPLC | Q/TFFK21—2004 | NLT ≥96.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK21—2004 | NA | ND |
| Water | Q/TFFK21—2004 | ≤2% | Conforms |
| Appearance | | White Powder | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

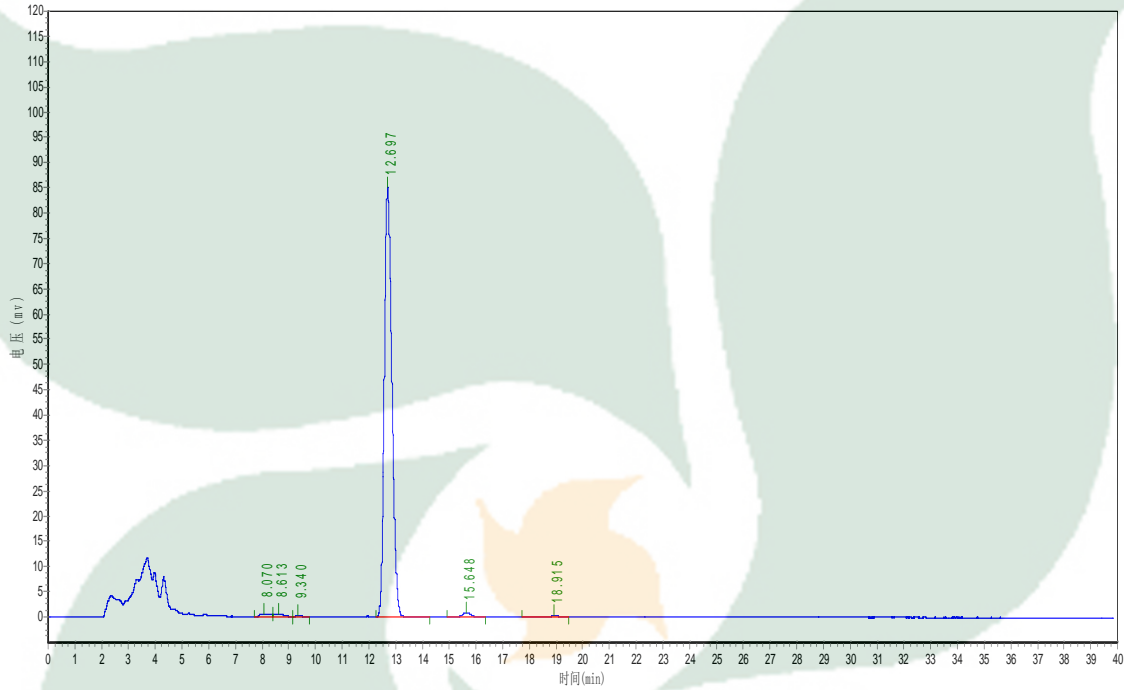
Analyst

Checker

Manager

Product Analysis Report

Product Name: Forskolin **Chrom-Column:** C18
Lot Number: 16101631 **Mobile Phase:** ACN:H2O=54: 46
Detector: UV **Wavelength:** 210nm
Detect Time: 2016-10-16 **Inject Vol:** 20ul
Analyst: zhufangfang **Flow:** 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 8.070 | 618.082 | 16481.648 | 0.9342 |
| 2 | 8.613 | 519.499 | 15492.151 | 0.8781 |
| 3 | 9.340 | 315.076 | 5365.480 | 0.3041 |
| 4 | 12.697 | 85085.133 | 1698553.875 | 96.2748 |
| 5 | 15.648 | 958.537 | 21784.150 | 1.2347 |
| 6 | 18.915 | 283.263 | 6598.900 | 0.3740 |