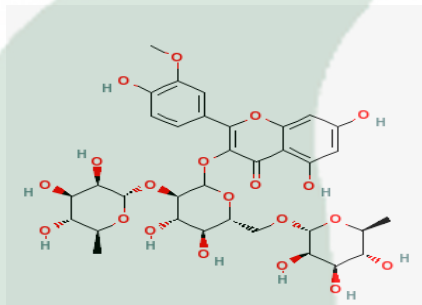


| | | |
|-----------------------|--|--|
| PRODUCT ID | E-0100 | <p>Structure</p>  |
| PRODUCT | Typhaneoside /香蒲新苷 | |
| STANDARD TYPE | Quantitative Reference Material (含量测定) | |
| LOT NUMBER | 14100922 | |
| ASSAY METHOD | HPLC,NMR | |
| DATE OF SAMPLE | 2014-10-09 | |
| DATE OF REPORT | 2014-10-09 | |

CHEMICAL NAME

3-[(3R,4S,5S,6R)-4,5-dihydroxy-3-[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxy-6-[[[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxy-5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)chromen-4-one

OTHER NAME

CHEMICAL FORMULA

C₃₄H₄₂O₂₀

MOLECULAR WEIGHT(MW)

770.69

CAS NUMBER

104472-68-6

CHEMICAL FAMILY

Flavonoids 黄酮类

FROM

香蒲科植物水烛香蒲 *Typha angustifolia* L. 花粉

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|---------------|----------|
| HPLC | Q/TFFK490—2007 | NLT ≥98.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK490—2007 | NA | ND |
| Water | Q/TFFK490—2007 | ≤2% | Conforms |
| Appearance | | yellow powder | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

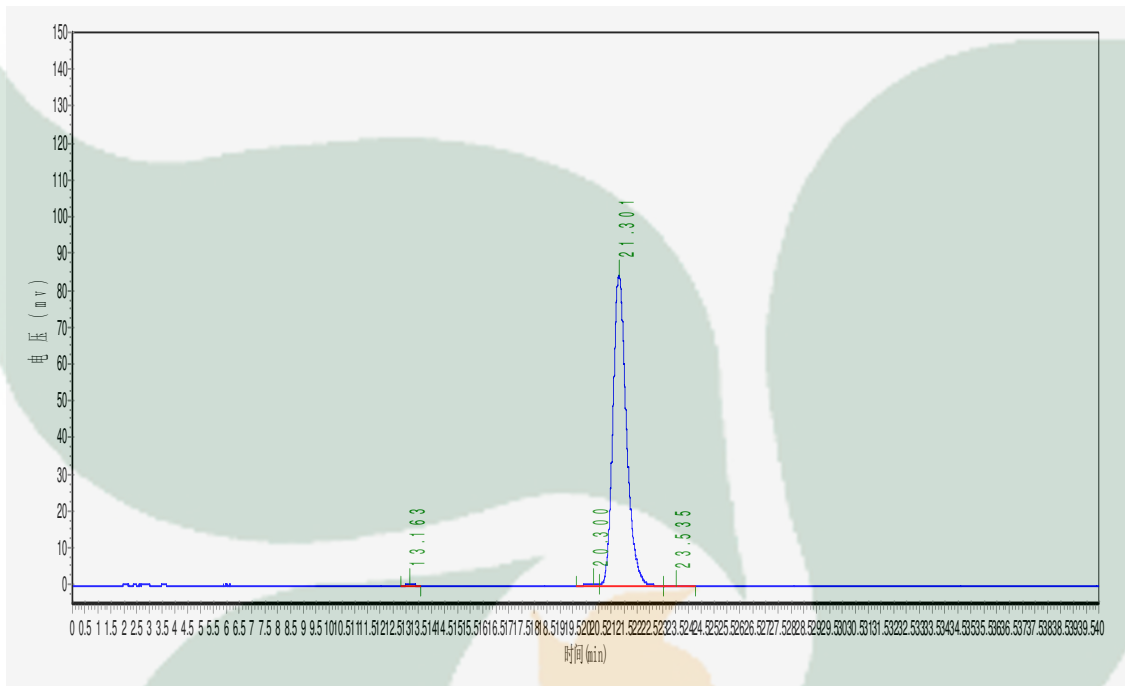
Analyst

Checker

Manager

Product Analysis Report

Product Name: Typhaneoside **Chrom-Column:** C18
Lot Number: 14100922 **Mobile Phase:** ACN:0.1%H3PO4=15:85
Detector: UV **Wavelength:** 254nm
Detect Time: 2014-10-09 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 13.163 | 202.833 | 4187.100 | 0.1350 |
| 2 | 20.300 | 505.000 | 14224.500 | 0.4585 |
| 3 | 21.301 | 84139.000 | 3080645.750 | 99.2957 |
| 4 | 23.535 | 82.000 | 3438.400 | 0.1108 |