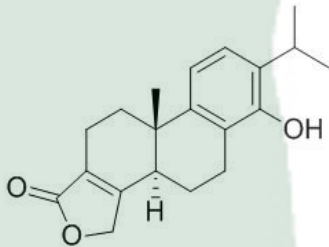


| | | |
|-----------------------|--|---|
| PRODUCT ID | E-0831 | Structure  |
| PRODUCT | Triptophenolide/雷酚内酯 | |
| STANDARD TYPE | Quantitative Reference Material (含量测定) | |
| LOT NUMBER | 17072023 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2017-07-20 | |
| DATE OF REPORT | 2017-07-20 | |

| | |
|-----------------------------|--|
| OTHER NAME | 山海棠素 |
| CHEMICAL FORMULA | C ₂₀ H ₂₄ O ₃ |
| MOLECULAR WEIGHT(MW) | 312.41 |
| CAS NUMBER | 74285-86-2 |
| CHEMICAL FAMILY | Diterpenoids二萜类 |
| FROM | 雷公藤Tripterygium wilfordii Hook. f. |

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|---------------|----------|
| HPLC | Q/TFFK592—2008 | NLT ≥98.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK592—2008 | NA | ND |
| Water | Q/TFFK592—2008 | ≤2% | Conforms |
| Appearance | | White Powder | Conforms |

STORAGE CONDITIONS

| | |
|------------|--------------------|
| STORAGE | Refer to the label |
| SHELF LIFE | 2 Years |

Analyst

Checker

Manager

Product Analysis Report

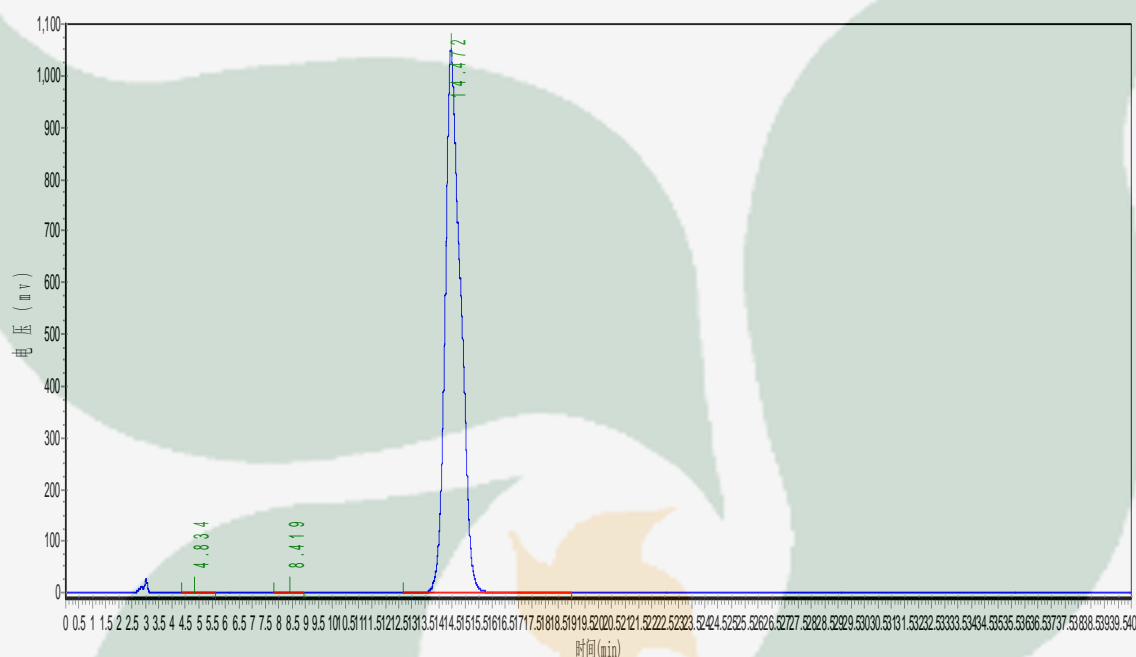
Product Name: Tryptophenolide Chrom-Column: C18

Lot Number: 17072023 Mobile Phase: MeOH:H2O=70:30

Detector: UV Wavelength: 230nm

Detect Time: 2017-07-20 Inject Vol: 20ul

Analyst: shuzhilin Flow: 1.0ml/min



| No. | Name | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|------|-----------------|---------------|-----------------|---------------|
| 1 | | 4.834 | 681.352 | 21549.568 | 0.0512 |
| 2 | | 8.419 | 442.224 | 10692.200 | 0.0254 |
| 3 | | 14.472 | 1048287.125 | 42089016.000 | 99.9235 |