

**产品分析证书**  
Certificate of Analysis

中文名称 : 桃叶珊瑚苷

English Name : Aucubin

别名(Alias): Aucuboside; Rhinanthin; Rhimantin

产品编码(Cat. No.):BP0220

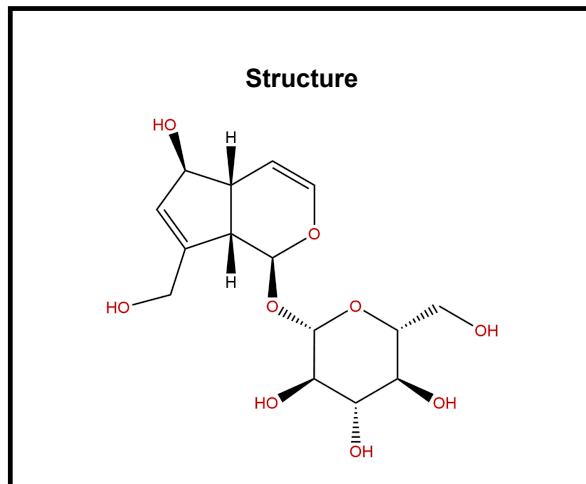
CAS Number: 479-98-1

分子式(M. F.): C<sub>15</sub>H<sub>22</sub>O<sub>9</sub>

分子量(M. W.): 346.332

批号(Batch No.): PRF8091123

报告日期(Report date): 2017-09-11



**检验结果 ( Analytical result ) :**

| 检验项目 ( Test Item )         | 检验指标 ( Specifications )   | 检验结果 ( Results ) |
|----------------------------|---------------------------|------------------|
| 外观Appearance               | Off-white powder          | Off-white powder |
| 干燥失重Loss on drying         | < 3.0%                    | 1.01%            |
| 纯度Purity (HPLC-DAD,205nm)* | ≥98.0%                    | 99.53%           |
| 质谱Mass                     | 346.3±1                   | Conforms         |
| 核磁NMR                      | Comply with the structure | Conforms         |
| 含量Assay                    | ≥98.0%                    | 103.5%           |

\* 色谱图见附件 ( Please find HPLC chromatography attached. )

检测方法 ( Test Method ) : Column: Thermo BDS Hypersil C18 , 4.6\*100mm , 2.4um; Column temperature: 30°C; Detection Mode:UV205nm ;

Flow Rate: 0.6ml/min; Sample dissolution: Water ; Mobile Phase: A, Water B, Acetonitrile ; Isocratic elution : B, 1%.

贮存条件 ( Storage ) :2~8°C, protected from light, keep package airproofed when not in use.

复测期 ( Retest date ) :two years (2019-09-10) under conditions list above.

QC: Zhang Ling

Date: 2017-09-11

QA: Wu Qi

Date: 2017-09-11

备注(Remarks): The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.

In case of quality issue, please contact us within 15 days after receipt of the product.

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http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

样品名称: Aucubin PRF8091123

```
=====
操作者       : 1                      序列行      : 5
仪器         : 仪器 1                  位置       : 样品瓶 45
进样日期     : 2017-9-11 12:38:25      进样次数    : 1
                                           进样量     : 10.0 µl
采集方法     : C:\QC\AUCUBIN\20170911 2017-09-11 11-08-19\AUCUBIN.M
最后修改     : 2017-9-11 11:08:17 : 1
分析方法     : C:\QC\AUCUBIN.M
最后修改     : 2017-9-11 12:55:02 : 1
               (调用后修改)
=====
```

附加信息: 峰已手动积分



## 面积百分比报告

```
=====
排序           : 信号
乘积因子       : 1.0000
稀释因子       : 1.0000
内标使用乘积因子和稀释因子
=====
```

信号 1: DAD1 A, Sig=205,4 Ref=360,100

| 峰 # | 保留时间 [min] | 类型 | 峰宽 [min] | 峰面积 [mAU*s] | 峰高 [mAU]   | 峰面积 %   |
|-----|------------|----|----------|-------------|------------|---------|
| 1   | 2.569      | BB | 0.0787   | 14.65549    | 2.64085    | 0.1355  |
| 2   | 2.750      | BB | 0.1326   | 2.96157     | 3.18249e-1 | 0.0274  |
| 3   | 3.716      | BB | 0.0977   | 16.83445    | 2.59615    | 0.1556  |
| 4   | 5.982      | BB | 0.1357   | 5.84264     | 5.60143e-1 | 0.0540  |
| 5   | 6.661      | BB | 0.1623   | 9.55124     | 8.55082e-1 | 0.0883  |
| 6   | 7.388      | BV | 0.1734   | 1.07659e4   | 941.56152  | 99.5391 |

总量 : 1.08157e4 948.53200

\*\*\* 报告结束 \*\*\*