

产品分析证书  
Certificate of Analysis

中文名称: 圣草次苷

English Name: Eriocitrin

别名 (Alias): Eriodictioside; Eriodictyol 7-rutinoside

产品编码 (Cat. No.): BP0554

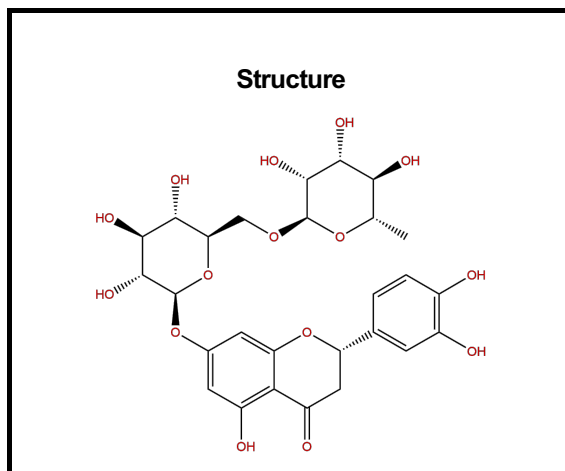
CAS Number: 13463-28-0

分子式 (M. F.): C<sub>27</sub>H<sub>32</sub>O<sub>15</sub>

分子量 (M. W.): 596.538

批号 (Batch No.): PRF7102041

报告日期 (Report date): 2016/10/20



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                | Light yellow powder       | Light yellow powder |
| 干燥失重 Loss on drying          | <3.0%                     | 1.67%               |
| 纯度 Purity (HPLC-DAD, 283nm)* | ≥98.0%                    | 99.7%               |
| 质谱 Mass                      | 596.538±1                 | Conforms            |
| 核磁 NMR                       | Comply with the structure | Conforms            |

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

贮存条件 (Storage): 2~8°C

复测期 (Retest date): two years (2018-10-19) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

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

QC:

Zhang Ling

Date: 2016年10月20日

QA:

Wu Qi

Date: 2016年10月20日

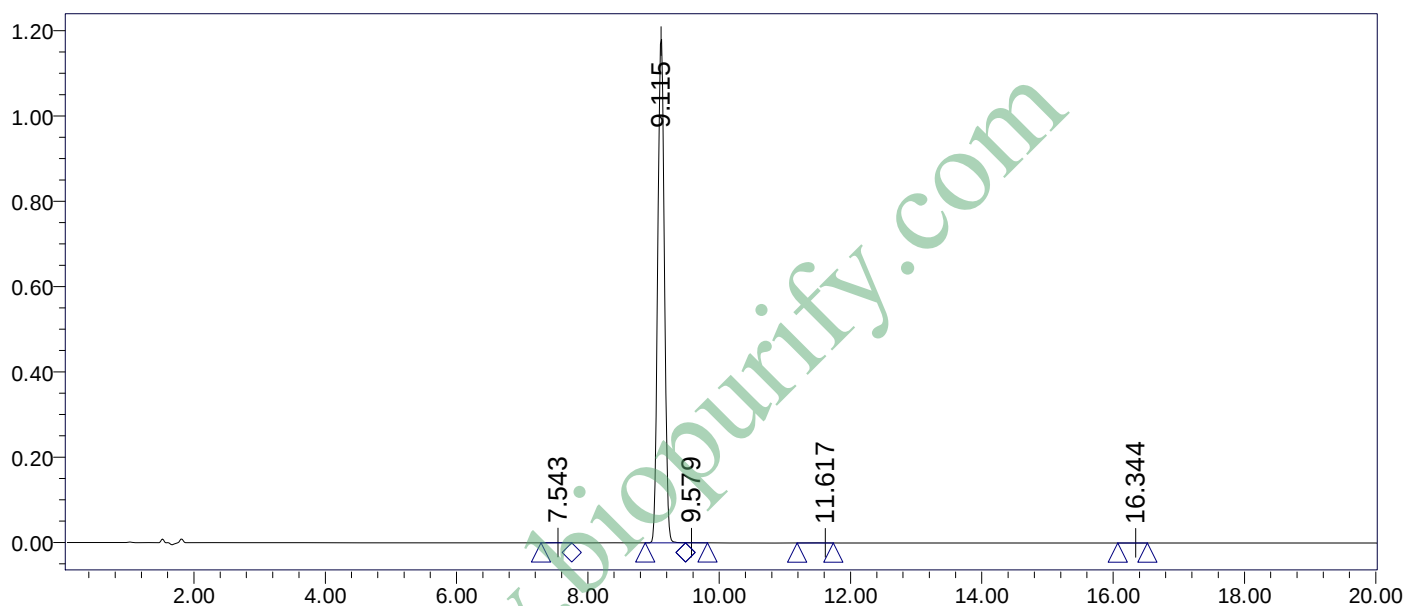
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# SAMPLE INFORMATION

|                   |                         |                     |              |
|-------------------|-------------------------|---------------------|--------------|
| Sample Name:      | Eriocitrin PRF7102041   | Acquired By:        | System       |
| Sample Type:      | Unknown                 | Sample Set Name:    |              |
| Vial:             | 9                       | Acq. Method Set:    | Eriocitrin   |
| Injection #:      | 1                       | Processing Method:  | Samples      |
| Injection Volume: | 5.00 ul                 | Channel Name:       | 283.0nm      |
| Run Time:         | 20.0 Minutes            | Proc. Chnl. Descr.: | PDA 283.0 nm |
| Date Acquired:    | 2016-10-20 13:03:36 CST |                     |              |
| Date Processed:   | 2016-10-20 13:30:07 CST |                     |              |

## Auto-Scaled Chromatogram



## Peak Results

|   | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|---|--------|---------|--------|-----------------|----------------|
| 1 | 7.543  | 9161    | 0.11   | 16947.74        |                |
| 2 | 9.115  | 8373366 | 99.70  | 37818.51        | 7.40           |
| 3 | 9.579  | 6772    | 0.08   |                 |                |
| 4 | 11.617 | 4915    | 0.06   | 10834.72        |                |
| 5 | 16.344 | 3996    | 0.05   | 52260.08        | 12.81          |