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## Certificate of Analysis

**Product Name:** 1-O-acetylbritannilactone

**Catalogue No.:** BP0033

**Batch No.:** 15011403

**Report date:** 2015-01-14

**CAS Number:** 681457-46-5

**Mol. Formula:** C<sub>17</sub>H<sub>24</sub>O<sub>5</sub>

**Mol. Weight:** 308.374

**Type of compound:**

**Identification Method:** Mass, NMR

**Analysis Method of Purity:** HPLC-DAD

**Structure:**



### Analytical result:

| Test                  | Specification | Results       |
|-----------------------|---------------|---------------|
| Appearance            | White crystal | White crystal |
| Loss on drying        | <3.0%         | 1.0%          |
| Purity (HPLC 210nm) * | ≥98.0%        | 99.85%        |

**Package:** Brown vial or HDPE Plastic Bottle

**Storage:** Cool and Dry place, protected from light, keep package airproofed when not in use.

**Expiration:** two years (2017-01-13) under conditions list above.

QC: *Meng Pan*

Date: 2015-01-14

QA: *Lianglei Zhang*

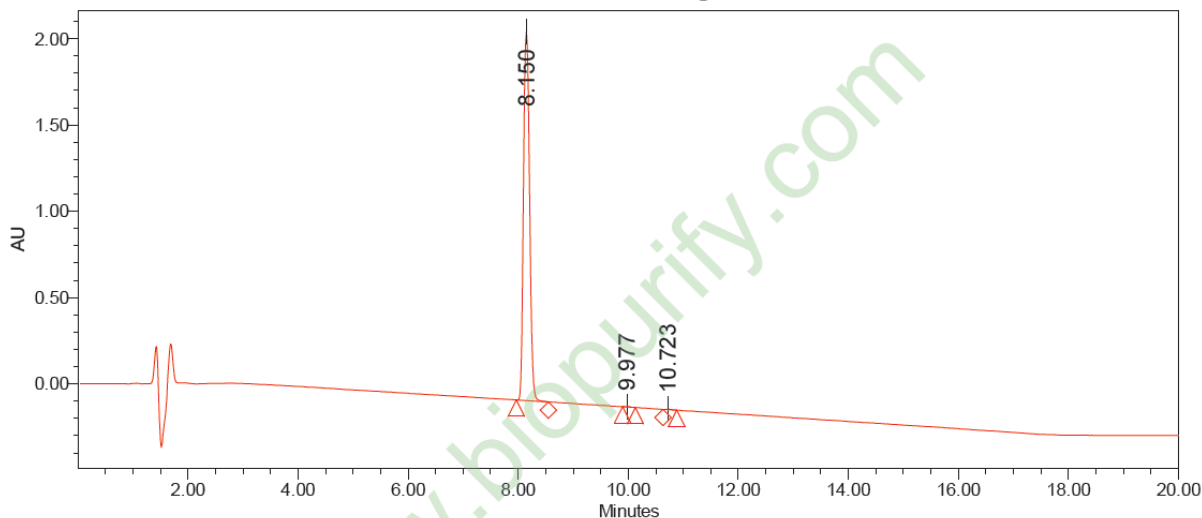
Date: 2015-01-14



## SAMPLE INFORMATION

|                   |                                   |                     |                           |
|-------------------|-----------------------------------|---------------------|---------------------------|
| Sample Name:      | 1-O-acetylbritannilactone15011403 | Acquired By:        | System                    |
| Sample Type:      | Unknown                           | Sample Set Name:    |                           |
| Vial:             | 9                                 | Acq. Method Set:    | 1-O-acetylbritannilactone |
| Injection #:      | 1                                 | Processing Method:  | Samples                   |
| Injection Volume: | 10.00 ul                          | Channel Name:       | 210.0nm                   |
| Run Time:         | 20.0 Minutes                      | Proc. Chnl. Descr.: | PDA 210.0 nm              |
| Date Acquired:    | 2015-1-14 11:35:43 CST            |                     |                           |
| Date Processed:   | 2015-1-14 13:06:47 CST            |                     |                           |

Auto-Scaled Chromatogram



Peak Results

|   | Name | RT     | Area     | % Area | USP Plate Count | USP Resolution |
|---|------|--------|----------|--------|-----------------|----------------|
| 1 |      | 8.150  | 16477772 | 99.85  | 26483.80        |                |
| 2 |      | 9.977  | 10003    | 0.06   | 46283.94        | 9.30           |
| 3 |      | 10.723 | 15472    | 0.09   | 53924.41        | 3.98           |