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## Certificate of Analysis

**Product Name:** Nitidine chloride

**Other Name:** Angolinine

**Catalogue No.:** BP0998

**Batch No.:** 13041508

**Report date:** 2013-04-17

**CAS Number:** 13063-04-2

**Mol. Formula:** C<sub>21</sub>H<sub>18</sub>ClNO<sub>4</sub>

**Mol. Weight:** 383.828

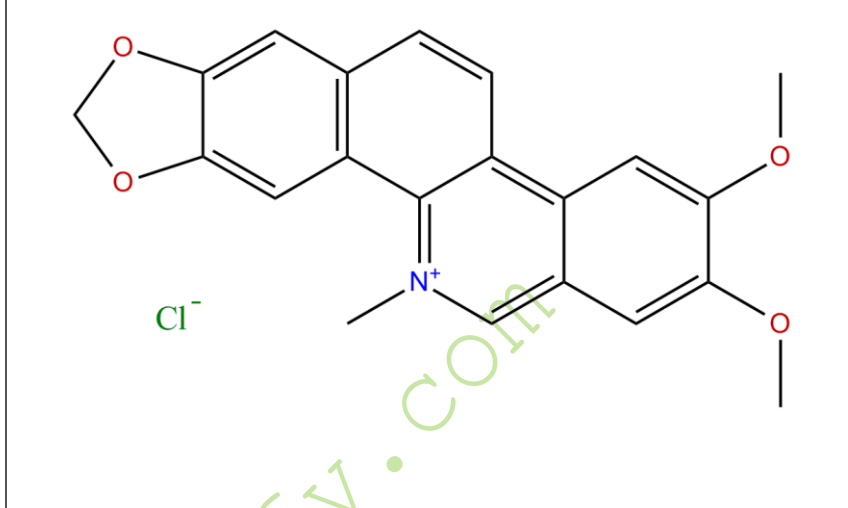
**Type of compound:**

**Botanical Source:**

**Identification Method:** Mass, NMR

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

**Structure:**



### Analytical result:

| Test                   | Specification | Results       |
|------------------------|---------------|---------------|
| Appearance             | Yellow powder | Yellow powder |
| Loss on drying         | <3.0%         | 1.1%          |
| Purity (HPLC, 270nm) * | ≥98.0%        | 98.33%        |

\* Please find HPLC chromatography attached.

**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 (2015-04-14) under conditions list above.

QC: *Meng Pan*

Date: 2013-04-17

QA: *Lianglei Zhang*

Date: 2013-04-17