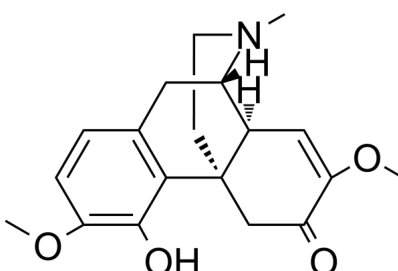


## Certificate of Analysis

|                |            |
|----------------|------------|
| Catalog Number | BP10178    |
| Product Name   | Sinomenine |

## Physical and Chemical Properties

|  |  |
|--|--|
| Synonyms                                 | Cucoline, Kukoline   |
| CAS No.                                  | 115-53-7   |
| Chemical Formula                         | C <sub>19</sub> H <sub>23</sub> NO <sub>4</sub>                                      |
| Molecular Weight                         | 329.396  |
| Solubility                               | H <sub>2</sub> O: 10 mg/mL (30.36 mM)<br>DMSO: 65 mg/mL (197.33 mM)                  |
| Storage                                  | Powder: -20°C for 2 years<br>In solvent: -80°C for 1 year                            |
| Chemical Structure<br>OR<br>Tested Image |  |

## Product Information

|             |  |
|-------------|--|
| Description | Sinomenine is a pure alkaloid isolated from the Sinomenium acutum, is utilized in the treatment of rheumatism and arthritis. |
|-------------|--|

## Analytical Data

|                                 |  |
|---------------------------------|--|
| HPLC                            | Shows Min >99% purity  |
| H-NMR                           | Consistent with structure  |
| Stability and Solubility Advice | Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details. |

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