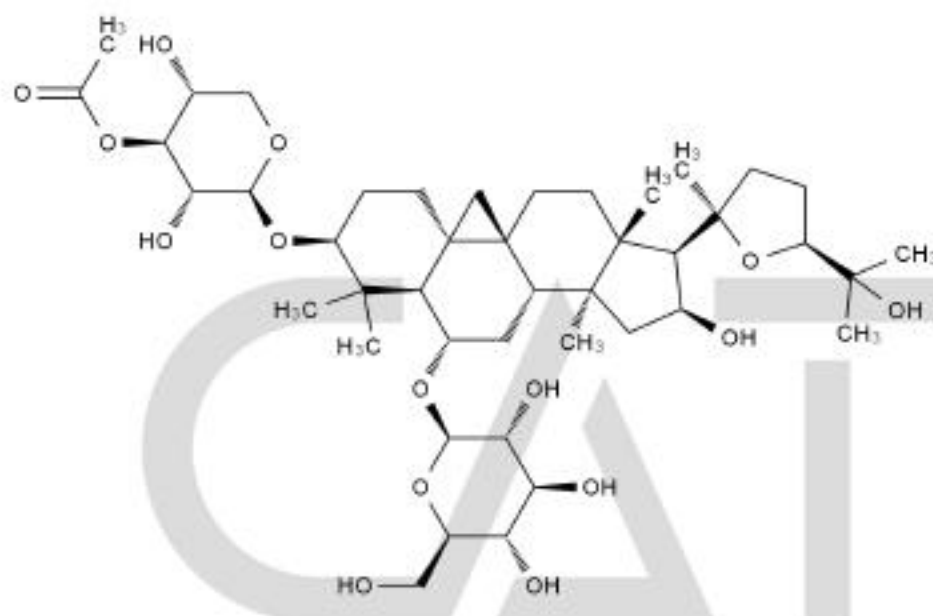


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                   |                                           |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Isoastragaloside II                             | Catalogue Number: | CCPE900894                                |
| Synonyms:          | N/A                                             | Lot Number:       | 1111-SA-7061                              |
| CAS Number:        | 86764-11-6                                      | Expiry Date:      | Nov 11, 27                                |
| Molecular Formula: | C <sub>43</sub> H <sub>70</sub> O <sub>15</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 827.01                                          |                   |                                           |

Chemical Structure:



| Test Items      | Method            | Results                  |
|-----------------|-------------------|--------------------------|
| Appearance      | Visual inspection | White to off-white Solid |
| Identification: | LC&HNMR           | Confirmed                |
| Purity:         | HPLC              | 98.048%                  |
| Uncertainty     |                   | ±2.0%                    |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Nov 11, 24

Date: Nov 11, 24

Date: Nov 11, 24



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



## Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Nov 11, 24 | First release.      |

