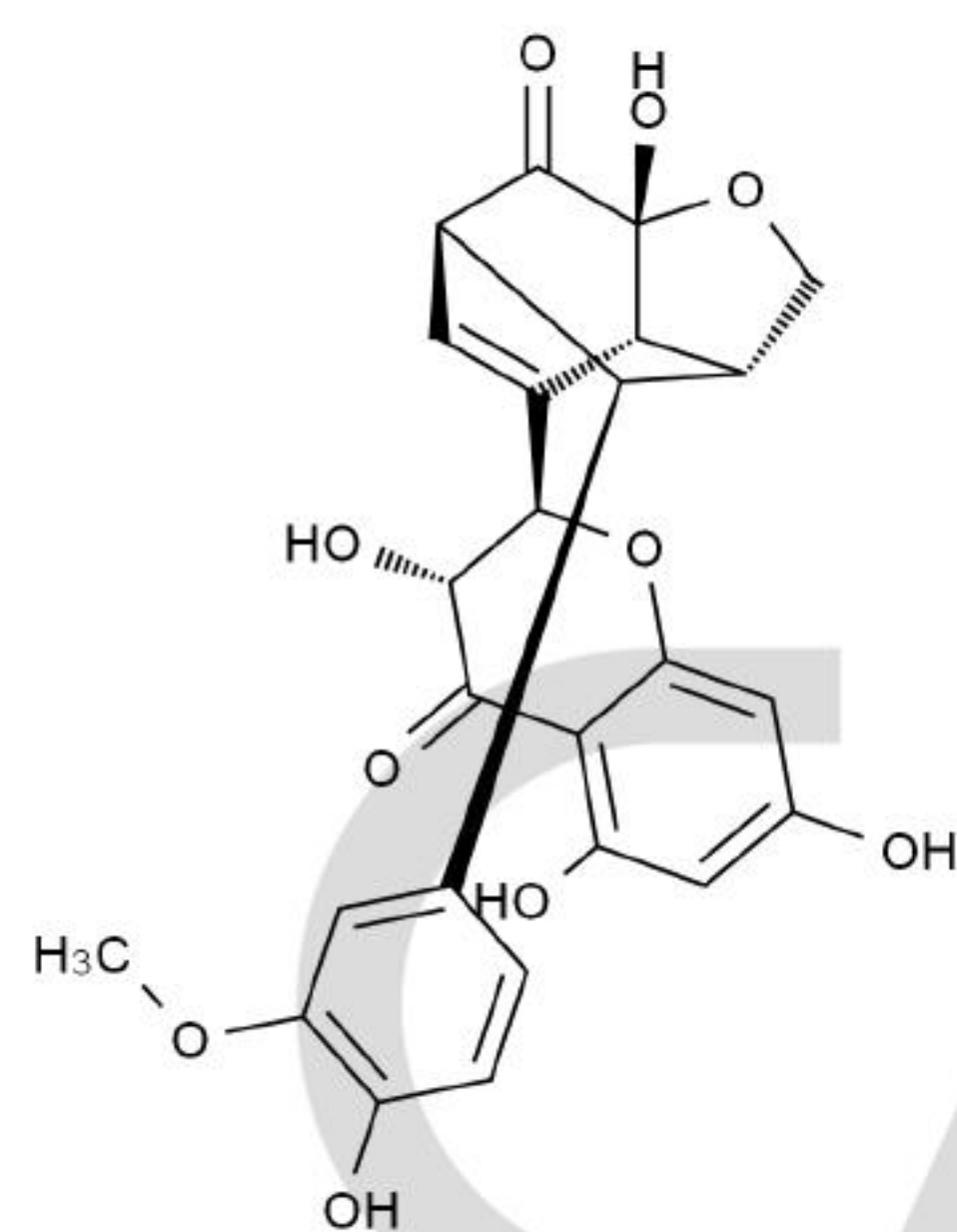


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                     |                                           |
|--------------------|-------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Silydianin                                      | Catalogue Number:   | C4X-22243                                 |
| Synonyms:          | N/A                                             | Lot Number:         | 0812-RH-0023                              |
| CAS Number:        | 29782-68-1                                      | Expiry Date:        | Aug 13, 2030                              |
| Molecular Formula: | C <sub>25</sub> H <sub>22</sub> O <sub>10</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 482.44                                          | Shipping Condition: | Shipping at Room Temperature              |
| Solubility:        | Acetonitrile                                    |                     |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.921%     |
| Loss on Drying | TGA               | 3.4580%     |
| Assay          |                   | 93.6%       |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) \* Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Aug 14, 2026

Date: Aug 14, 2026

Date: Aug 14, 2026



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>

