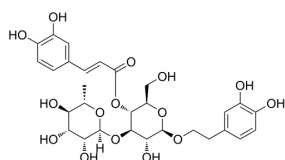


## Certificate of Analysis

|                       |  |
|-----------------------|--|
| <b>Product Name:</b>  | Verbascoside   |
| <b>Cat. No.:</b>      | CS-2624  |
| <b>CAS No.:</b>       | 61276-17-3   |
| <b>Batch No.:</b>     | 107208   |
| <b>Chemical Name:</b> | $\beta$ -D-Glucopyranoside, 2-(3,4-dihydroxyphenyl)ethyl 3-O-(6-deoxy- $\alpha$ -L-mannopyranosyl)-, 4-[(2E)-3-(3,4-dihydroxyphenyl)-2-propenoate] |

### PHYSICAL AND CHEMICAL PROPERTIES

|                            |   |
|----------------------------|---|
| <b>Molecular Formula:</b>  | C <sub>29</sub> H <sub>36</sub> O <sub>15</sub> |
| <b>Molecular Weight:</b>   | 624.59  |
| <b>Storage:</b>            | Storage temp. 2-8°C                             |
| <b>Chemical Structure:</b> |   |



### ANALYTICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to yellow (Solid)   |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>LCMS:</b>                       | Consistent with structure   |
| <b>Purity (LCMS):</b>              | 99.83%  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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