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## Certificate of Analysis

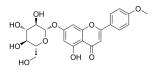
### Tilianin

| Cat. No.:      | HY-N2555  |
|----------------|---|
| CAS No.:       | 4291-60-5   |
| Batch No.:     | 84235   |
| Chemical Name: | 4H-1-Benzopyran-4-one, 7-(β-D-glucopyranosyloxy)-5-hydroxy-2-(4-methoxyphenyl)- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>22</sub> H <sub>22</sub> O <sub>10</sub>                     |
|--------------------|---|
| Molecular Weight:  | 446.40  |
| Storage:           | 4°C, protect from light   |
|                    | * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |

**Chemical Structure:** 



#### ANALYTICAL DATA

| Appearance:                  | Off-white to light yellow (Solid)                                       |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (HPLC):               | 99.57%  |
| Water Content%(W/W):         | 0.35%   |
| Conclusion:                  | 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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