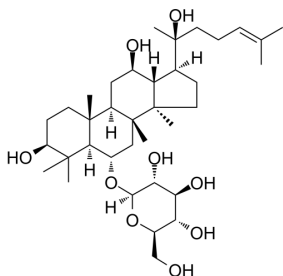


## Certificate of Analysis

**Product Name:** Ginsenoside Rh1  
**Cat. No.:** CS-3834  
**CAS No.:** 63223-86-9  
**Batch No.:** 22476  
**Chemical Name:**  $\beta$ -D-Glucopyranoside, (3 $\beta$ ,6 $\alpha$ ,12 $\beta$ )-3,12,20-trihydroxydammar-24-en-6-yl

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>36</sub>H<sub>62</sub>O<sub>9</sub>  
**Molecular Weight:** 638.87  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):**  $\geq$ 98.0%  
**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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