

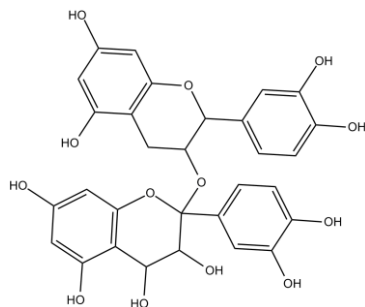
## Certificate of Analysis

Product Name: Procyanidin  
Cat. No.: GN10163  
Batch No.: GN101631  
Chemical Name: 2-(3,4-dihydroxyphenyl)-2-((2-(3,4-dihydroxyphenyl)-5,7-dihydroxychroman-3-yl)oxy)chroman-3,4,5,7-tetraol

### PHYSICAL AND CHEMICAL PROPERTIES

Cas No.: 4852-22-6  
Molecular Formula: C<sub>30</sub>H<sub>26</sub>O<sub>13</sub>  
Molecular Weight: 594.52  
Storage: Powder            -80°C    2 years  
                                     -20°C    1 year  
                                     In solvent   -80°C    6 months  
   -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
HPLC: Consistent with structure  
Purity (HPLC): 98.00%  
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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