

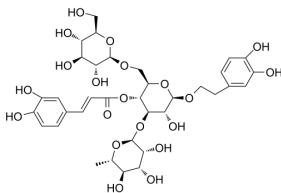
## Echinacoside

Cat. No.: HY-N0020  
CAS No.: 82854-37-3  
Batch No.: 16945  
Chemical Name:  $\beta$ -D-Glucopyranoside, 2-(3,4-dihydroxyphenyl)ethyl O-6-deoxy- $\alpha$ -L-mannopyranosyl-(1 $\rightarrow$ 3)-O-[ $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 6)]-, 4-[3-(3,4-dihydroxyphenyl)-2-propenoate]

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>35</sub>H<sub>46</sub>O<sub>20</sub>  
Molecular Weight: 786.73  
Storage: Powder      -20°C    3 years  
                                      4°C      2 years  
                                      In solvent    -80°C    6 months  
  -20°C    1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to yellow (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.85%  
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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