

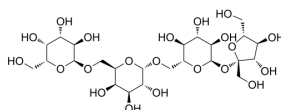
## Stachyose

Cat. No.: HY-N7910  
CAS No.: 470-55-3  
Batch No.: 326121  
Chemical Name:  $\alpha$ -D-Glucopyranoside,  $\beta$ -D-fructofuranosyl O- $\alpha$ -D-galactopyranosyl-(1 $\rightarrow$ 6)-O- $\alpha$ -D-galactopyranosyl-(1 $\rightarrow$ 6)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>24</sub>H<sub>42</sub>O<sub>21</sub>  
Molecular Weight: 666.58  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 99.76%  
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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