

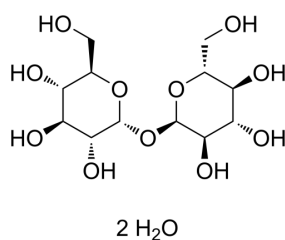
## D-(+)-Trehalose dihydrate

Cat. No.: HY-N1132A  
CAS No.: 6138-23-4  
Batch No.: 111735  
Chemical Name:  $\alpha$ -D-Glucopyranoside,  $\alpha$ -D-glucopyranosyl, hydrate (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{26}O_{13}$   
Molecular Weight: 378.33  
Storage: 4°C, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

### 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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