

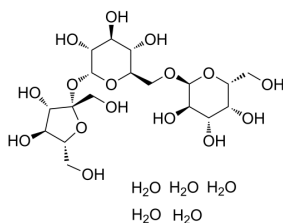
## D(+)-Raffinose (pentahydrate)

Cat. No.:	HY-N1938
CAS No.:	17629-30-0
Batch No.:	130652
Chemical Name:	$\alpha$ -D-Glucopyranoside, $\beta$ -D-fructofuranosyl O- $\alpha$ -D-galactopyranosyl-(1 $\rightarrow$ 6)-, hydrate (1:5)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>18</sub> H <sub>42</sub> O <sub>21</sub>
Molecular Weight:	594.51
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:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥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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