

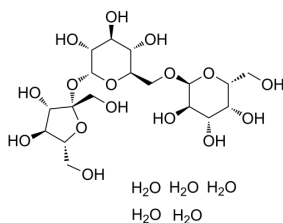
D(+)-Raffinose (pentahydrate)

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

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{42}O_{21}$
 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)
 1H 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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