Certificate of Analysis

Melezitose monohydrate

Cat. No.: HY-W010754
CAS No.: 10030-67-8
Batch No.: 33411

Chemical Name: D-Glucoside, O- α -D-glucopyranosyl-(1 \rightarrow 3)- β -D-fructofuranosyl, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{34}O_{17}$ Molecular Weight: 522.45

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)

¹ H NMR Spectrum: Consistent with structure

MS: 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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