Certificate of Analysis

1,2-O-Isopropylidene-alpha-D-xylofuranose

Cat. No.: HY-W015179
CAS No.: 20031-21-4
Batch No.: 96303

Chemical Name: α -D-Xylofuranose, 1,2-O-(1-methylethylidene)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{14}O_5$ Molecular Weight: 190.19

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

Purity (NMR): ≥97.0%

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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