

Certificate of Analysis

1,2:3,5-Di-O-isopropylidene- α -D-xylofuranose

Cat. No.: HY-W145575
CAS No.: 20881-04-3
Batch No.: 453848

Chemical Name: α-D-Xylofuranose, 1,2:3,5-bis-O-(1-methylethylidene)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{18}O_5$ Molecular Weight: 230.26

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

O H H O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 98.89%

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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