Certificate of Analysis

Methyl tetra-O-acetyl-β-D-glucopyranuronate

 Cat. No.:
 HY-W008523

 CAS No.:
 7355-18-2

 Batch No.:
 248012

Chemical Name: β-D-Glucopyranuronic acid, methyl ester, 1,2,3,4-tetraacetate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_{20}O_{11}$ Molecular Weight: 376.31

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%
OR(C=0.78290 CHCl3): 9.3°

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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