Certificate of Analysis

4-Nitrophenyl a-D-glucopyranoside

 Cat. No.:
 HY-W011411

 CAS No.:
 3767-28-0

 Batch No.:
 286401

Chemical Name: α-D-Glucopyranoside, 4-nitrophenyl

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular-bound} \begin{array}{ll} \mbox{Molecular Formula:} & \mbox{C_{12}H$}_{15}\mbox{NO}_{8} \\ \mbox{Molecular Weight:} & \mbox{301.25} \\ \end{array}$

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): ≥98.0% OR[α](C=0.42g/100ml H₂O): 214.8°

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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