MCE MedChemExpress

Certificate of Analysis

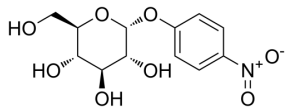
4-Nitrophenyl a-D-glucopyranoside

Cat. No.:	HY-W011411
CAS No.:	3767-28-0
Batch No.:	230773
Chemical Name:	α-D-Glucopyranoside, 4-nitrophenyl

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{12}H_{15}NO_8$		
Molecular Weight:	**301.25**		
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 H_2O):	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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