

n-octyl-β-D-glucoside
 n-octyl-β-D-glucopyranoside
850511P-5g

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Molecular Weight 292.369
Chemical Formula C₁₄H₂₈O₆
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5699PRA016
Avanti Lot Number 850511P-5G-A-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (85:15 Chloroform:Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 310.369 ± 1 amu	[M+NH ₄] ⁺ = 310.7 amu

Approved by:

