

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

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**Molecular Weight** 292.369  
**Chemical Formula** C<sub>14</sub>H<sub>28</sub>O<sub>6</sub>  
**Physical State** Powder  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5699PRA014  
**Avanti Lot Number** 850511P-5G-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 310.369 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 310.4 amu

Approved by:

