

**n-octyl-β-D-glucoside**  
 n-octyl-β-D-glucopyranoside  
**850511P-1g**

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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** 5699PQB016  
**Avanti Lot Number** 850511P-1G-B-016

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> = 310.7 amu

Approved By:



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