

Mal(11.2)

tridecan-3-yloxy-β-D-maltoside

850528P-1g

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Molecular Weight	524.642
Chemical Formula	C ₂₅ H ₄₈ O ₁₁
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5707PQA010
Avanti Lot Number	850528P-1G-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>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] ⁺ = 542.642 ± 1 amu	[M+NH ₄] ⁺ = 542.8 amu

Approved By:

