

Sitoindoside I

6-O-palmitoyl-sitosteryl-β-D-glucose

700158P-1mg

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Molecular Weight	815.256
Chemical Formula	C ₅₁ H ₉₀ O ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5217PGC010
Avanti Lot Number	700158P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 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] ⁺ = 833.256 ± 1 amu	[M+NH ₄] ⁺ = 833.3 amu

Approved by: *Meredith Bayood*

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