

GDN

glyco-diosgenin (GDN)

850525P-1g

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Molecular Weight	1165.315
Chemical Formula	C ₅₆ H ₉₂ O ₂₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5704PQA016
Avanti Lot Number	850525P-1G-A-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 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] ⁺ = 1183.315 ± 1 amu	[M+NH ₄] ⁺ = 1183.4 amu

Approved By:



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