

**GDN**

glyco-diosgenin (GDN)

**850525P-500mg**

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<b>Molecular Weight</b>	1165.315
<b>Chemical Formula</b>	C <sub>56</sub> H <sub>92</sub> O <sub>25</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5704PPB014
<b>Avanti Lot Number</b>	850525P-500MG-B-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 1183.315 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 1183.7 amu

Approved By:



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