

**PGF1 $\alpha$ -d9**
**Prostaglandin F1 $\alpha$ -d9**
**900112P-100ug**
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<b>Molecular Weight</b>	365.55
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>27</sub> D <sub>9</sub> O <sub>5</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>	6659PDA010
<b>Avanti Lot Number</b>	900112P-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White powder which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: 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-H] <sup>-</sup> = 364.55 ± 1 amu	[M-H] <sup>-</sup> = 364.3 amu

Approved By:



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