

PGF1 α -d9
Prostaglandin F1 α -d9
900112P-500ug
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Molecular Weight	365.55
Chemical Formula	C ₂₀ H ₂₇ D ₉ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6659PFA010
Avanti Lot Number	900112P-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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] ⁻ = 364.55 ± 1 amu	[M-H] ⁻ = 364.3 amu

Approved By:



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