

PGF1 α

 Prostaglandin F1 α
900105P-1mg

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Molecular Weight	356.497
Chemical Formula	C ₂₀ H ₃₆ O ₅
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6366PGA011
Avanti Lot Number	900105P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (8:2 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] ⁺ = 374.497 ± 1 amu	[M+NH ₄] ⁺ = 374.4 amu

Approved by:

