

PGF1 α Prostaglandin F1 α

900105P-1mg

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Molecular Weight 356.497
Chemical Formula C₂₀H₃₆O₅
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6366PGB012
Avanti Lot Number 900105P-1MG-B-012

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 \pm 1 amu	[M+NH ₄] ⁺ = 374.4 amu

Approved By:



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