

PGF2 α

Prostaglandin F2 α

900121O-1mg

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Molecular Weight	354.49
Chemical Formula	C ₂₀ H ₃₄ O ₅
Physical State	Neat Oil
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6713OGF010
Avanti Lot Number	900121O-1MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Neat Oil: Clear, colorless neat oil which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>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] ⁻ = 353.49 \pm 1 amu	[M-H] ⁻ = 353.2 amu

Approved By:



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