

(15R)-PGE2

15(R)-Prostaglandin E2

900118J-1mg

Page 1 of 1

Molecular Weight	352.47
Chemical Formula	C ₂₀ H ₃₂ O ₅
Physical State	Methyl Acetate
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6711JGA010
Avanti Lot Number	900118J-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Methyl Acetate: Clear, colorless solution with no foreign matter	Pass
TLC (9:1 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
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 351.47 ± 1 amu	[M-H] ⁻ = 351.1 amu

Approved By:



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