

PGE1

Prostaglandin E1

900100P-1mg

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Molecular Weight	354.481
Chemical Formula	C ₂₀ H ₃₄ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6365PGH012
Avanti Lot Number	900100P-1MG-H-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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-H] ⁻ = 353.481 ± 1 amu	[M-H] ⁻ = 353.5 amu

Approved By: *Melissa Liles*

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