

PGE1

Prostaglandin E1

900100P-1mg

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Molecular Weight 354.481
Chemical Formula C₂₀H₃₄O₅
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6365PGC013
Avanti Lot Number 900100P-1MG-C-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (85:15 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-H] ⁻ = 353.481 ± 1 amu	[M-H] ⁻ = 353.28 amu

Approved by: *Anderson Thomas*

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