

PGE1-d9

Prostaglandin E1-d9

900113P-100ug

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Molecular Weight	363.54
Chemical Formula	C ₂₀ H ₂₅ D ₉ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6660PDA010
Avanti Lot Number	900113P-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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
Mass Spectroscopy	Positive Mode: [M+NH ₄] ⁺ = 381.54 ± 1 amu and/or Negative Mode: [M-H] ⁻ = 362.54 ± 1 amu	[M+NH ₄] ⁺ = 381.7 amu

Approved By:



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