

**(15R)-PGE2**

**15(R)-Prostaglandin E2**

**900118O-1mg**

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<b>Molecular Weight</b>	352.47
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>32</sub> O <sub>5</sub>
<b>Physical State</b>	Methyl Acetate
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6711OGA010
<b>Avanti Lot Number</b>	900118O-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Methyl Acetate:</b> 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] <sup>-</sup> = 351.47 ± 1 amu	[M-H] <sup>-</sup> = 351.1 amu

*Melissa Bolin*

Approved By:

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