

**15beta-PGF1α**

Prostaglandin F1α(15 beta epimer)

**900111P-1mg**

Page 1 of 1

<b>Molecular Weight</b>	356.50
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>36</sub> O <sub>5</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6658PGA010
<b>Avanti Lot Number</b>	900111P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White powder which contains no foreign matter	Pass
TLC (85:15 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	[M-H <sub>2</sub> O+H] <sup>+</sup> = 339.50 ± 1 amu [M+NH <sub>4</sub> ] <sup>+</sup> = 374.5 ± 1 amu	[M-H <sub>2</sub> O+H] <sup>+</sup> = 339.3 amu [M+NH <sub>4</sub> ] <sup>+</sup> = 374.5 ± 1 amu

Approved By:



For Research Use Only. Not For Human Use.