

**PGE2-EA-d4**

Prostaglandin E2 Ethanolamide(d4)

**900109E-100ug**

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<b>Molecular Weight</b>	399.56
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>33</sub> D <sub>4</sub> NO <sub>5</sub>
<b>Physical State</b>	Ethanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6704EDA010
<b>Avanti Lot Number</b>	900109E-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Ethanol:</b> Clear, colorless solution 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] <sup>+</sup> = 400.56 ± 1 amu	[M+H] <sup>+</sup> = 400.7 amu

Approved By:



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