

**PGB1**

Prostaglandin B1

**9001200-1mg**

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<b>Molecular Weight</b>	336.466
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>32</sub> O <sub>4</sub>
<b>Physical State</b>	Neat Oil
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6369OGB020
<b>Avanti Lot Number</b>	9001200-1MG-B-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Oil:</b> Clear viscous oil with no foreign matter.	Pass
TLC (65:25:4 Chloroform:Methanol:Ammonium Hydroxide)	>97% Purity (contains <3% PGA1) Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	[M-H] <sup>-</sup> = 335.466 ± 1 amu	[M-H] <sup>-</sup> = 335.5 amu



Approved by:

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