

**8(9)-dehydrocholesterol**

 cholesta-5,8(9)-dien-3 $\beta$ -ol

**700075P-1mg**

Page 1 of 1

<b>Molecular Weight</b>	384.638
<b>Chemical Formula</b>	C <sub>27</sub> H <sub>44</sub> O
<b>Physical State</b>	Powder
<b>Storage</b>	-80°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5157PGD011
<b>Avanti Lot Number</b>	700075P-1MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (2:1 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99.1% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:



For Research Use Only. Not For Human Use.