

**FF-MAS**

14-demethyl-14-dehydrolanosterol

700077P-1mg

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**Molecular Weight** 410.675  
**Chemical Formula** C<sub>29</sub>H<sub>46</sub>O  
**Physical State** Powder  
**Storage** -80°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5159PGE010  
**Avanti Lot Number** 700077P-1MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (85:15 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)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 428.675 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 428.7 amu

Approved by:



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