

**campesterol**  
**campest-5-en-3 $\beta$ -ol**  
**700126P-1mg**

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**Molecular Weight** 400.68  
**Chemical Formula** C<sub>28</sub>H<sub>48</sub>O  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5195PGD010  
**Avanti Lot Number** 700126P-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (7:3 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)	99.9% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 418.680 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 418.8 amu



Approved by:

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