

Stigmasterol-d5

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700157P-1mg

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Molecular Weight 417.72
Chemical Formula C₂₉H₄₃D₅O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5216PGD010
Avanti Lot Number 700157P-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (8:2 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 ₄] ⁺ = 435.720 ± 1 amu	[M+NH ₄] ⁺ = 435.8 amu

Approved by: *Anderson Thomas*

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