

Brassicasterol
24-methyl cholest-5,22-dien-3 β -ol
700175M-5mg

Page 1 of 1

Molecular Weight	398.66
Chemical Formula	C ₂₈ H ₄₆ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6478PHC010
Avanti Lot Number	700175P-5MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (7:3 Hexane:Ethyl Acetate)	>98% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 98% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 416.66 ± 1 amu	[M+NH ₄] ⁺ = 416.38 amu

Approved by:



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