

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

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Molecular Weight 398.66
Chemical Formula C₂₈H₄₆O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6478PHB010
Avanti Lot Number 700175P-5MG-B-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:

