

27-alkyne cholesterol

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700143P-100ug

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Molecular Weight	396.648
Chemical Formula	C ₂₈ H ₄₄ O
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5208PDA010
Avanti Lot Number	700143P-100UG-A-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)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 414.648 ± 1 amu	[M+NH ₄] ⁺ = 414.7 amu

Approved by:

