

PhotoClick Cholesterol

 Hex-5'-ynyl 3 β -hydroxy-6-diaziriny-5 α -cholan-24-oate

700147P-100ug

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Molecular Weight	482.698
Chemical Formula	C ₃₀ H ₄₆ N ₂ O ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5211PDA010
Avanti Lot Number	700147P-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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 483.698 \pm 1 amu	[M+H] ⁺ = 483.4 amu

Approved by:

