

**PhotoClick Cholesterol**

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

**700147P-250ug**

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<b>Molecular Weight</b>	482.698
<b>Chemical Formula</b>	C <sub>30</sub> H <sub>46</sub> N <sub>2</sub> O <sub>3</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5211PEG010
<b>Avanti Lot Number</b>	700147P-250UG-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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] <sup>+</sup> = 483.698 ± 1 amu	[M+H] <sup>+</sup> = 483.4 amu

Approved by:

