

25-NBD Cholesterol
25-[N-[(7-nitro-2-1,3-benzoxadiazol-4-yl)methyl]amino]-27-norcholesterol
810250P-5mg

Page 1 of 1

Molecular weight	564.759
Chemical formula	C ₃₃ H ₄₈ N ₄ O ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5403PHA019
Avanti Lot Number	810250P-5MG-A-019

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	[M+NH ₄] ⁺ = 582.759 ± 1 amu	[M+NH ₄] ⁺ = 582.8 amu

Approved By:

