

25-NBD Cholesterol

25-[N-[(7-nitro-2-1,3-benzoxadiazol-4-yl)methyl]amino]-27-norcholesterol

810250C-5mg

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Molecular Weight	564.759
Chemical Formula	C ₃₃ H ₄₈ N ₄ O ₄
Physical State	Chloroform
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5403CHA019
Avanti Lot Number	810250C-5MG-A-019

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Yellow to orange solution with 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	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 582.759 ± 1 amu	[M+NH ₄] ⁺ = 582.8 amu

Approved by:

