

NBD-6 Cholesterol

 5-cholesten-3 β -ol 6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]caproate

810251P-1mg

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Molecular Weight	662.902
Chemical Formula	C ₃₉ H ₅₈ N ₄ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5404PGC011
Avanti Lot Number	810251P-1MG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter	Pass
TLC (7:3 Hexane: Ethyl Acetate)	>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] ⁺ = 680.902 \pm 1 amu	[M+NH ₄] ⁺ = 680.90 amu

Approved by:



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