

25-NBD Cholesterol

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

810250C-10mg

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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 | 5403CIA019 |
| Avanti Lot Number | 810250C-10MG-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:

