

25-(C4 TopFluor®) 25-OH cholesterol

25-[4-(dipyrrrometheneboron difluoride)butanoyl]-25-hydroxycholesterol

810299P-100ug

Page 1 of 1

Molecular Weight	718.806
Chemical Formula	C ₄₄ H ₆₅ BF ₂ N ₂ O ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5435PDA010
Avanti Lot Number	810299P-100UG-A-010

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] ⁺ = 736.806 ± 1 amu	[M+NH ₄] ⁺ = 737.1 amu

Approved By:

