

**25-(C4 TopFluor®) 25-OH cholesterol**

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

**810299P-100ug**

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<b>Molecular Weight</b>	718.806
<b>Chemical Formula</b>	C <sub>44</sub> H <sub>65</sub> BF <sub>2</sub> N <sub>2</sub> O <sub>3</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5435PDB010
<b>Avanti Lot Number</b>	810299P-100UG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 736.806 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 737.1 amu

Approved By:

