

TopFluor® Cholesterol

23-(dipyrrometheneboron difluoride)-24-norcholesterol

810255P-1mg

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Molecular Weight	576.611
Chemical Formula	C ₃₆ H ₅₁ BF ₂ N ₂ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5407PGB018
Avanti Lot Number	810255P-1MG-B-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform:Methanol)	>99% Purity UV: one major spot Ninhydrin: n/a Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	495nm/507nm	Pass
Mass Spectroscopy	[M+H] ⁺ = 577.611 ± 1 amu	[M+H] ⁺ = 577.4 amu

Approved by:

