

18:2 TopFluor[®] cholesterol

23-(dipyrrrometheneboron difluoride)-24-norcholesteryl linoleate

810290P-1mg

Page 1 of 1

Molecular Weight	839.041
Chemical Formula	C ₅₄ H ₈₁ BF ₂ N ₂ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5428PGB011
Avanti Lot Number	810290P-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (85:15 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
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 495\ nm$ $\lambda_{Em\ max} = 507\ nm$	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M+NH_4]^+ = 857.041 \pm 1\ amu$	$[M+NH_4]^+ = 857.1\ amu$

Approved By:



For Research Use Only. Not For Human Use.