

TopFluor™ Oleic Acid

N-(4-TopFluor butanoyl)-aminooctadec-9-enoic acid

810259C-1mg

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Molecular weight	613.63
Chemical formula	C ₃₅ H ₅₄ BF ₂ N ₃ O ₃
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6574CGH010
Avanti Lot Number	810259C-1MG-H-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Excitation/Emission	$\lambda_{Ex\ max} = 497\ nm$ $\lambda_{Em\ max} = 507\ nm$	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 612.63 ± 1 amu	[M-H] ⁻ = 612.4 amu

Approved By:



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