

TopFluor® TMR PI

1-oleoyl-2-(6-((4,4-difluoro-1,3-dimethyl-5-(4-methoxyphenyl)-4-bora-3a,4a-diaza-s-indacene-2-propionyl)amino)hexanoyl)-sn-glycero-3-phosphoinositol (Ammonium salt)

810188P-50ug

Page 1 of 1

Molecular Weight	1109.044
Chemical Formula	
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5370PCA010
Avanti Lot Number	810188P-50UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M-NH_4]^+ = 1091.044 \pm 1$ amu	$[M-NH_4]^+ = 1091.1$ amu
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 544$ nm $\lambda_{Em\ max} = 571$ nm	Pass

Approved by:

