

TopFluor® TMR PS

 1-oleoyl-2-(6-((4,4-difluoro-1,3-dimethyl-5-(4-methoxyphenyl)-4-bora-3 α ,4 α -diazas-indacene-2-propionyl)amino)hexanoyl)-sn-glycero-3- phospho-L-serine (ammonium salt)

810242P-1mg

Page 1 of 1

Molecular Weight	1033.981
Chemical Formula	C ₅₁ H ₇₉ BF ₂ N ₅ O ₁₂ P
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5402PGA010
Avanti Lot Number	810242P-1MG-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: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 544\text{ nm}$ $\lambda_{Em\ max} = 571\text{ nm}$	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M-NH_4]^+ = 1015.981 \pm 1\text{ amu}$	$[M-NH_4]^+ = 1015.8\text{ amu}$

Approved By:

