

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)

810242C-1mg

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|--------------------------|----------------------------------------------------------------------------------|
| Molecular Weight | 1033.981 |
| Chemical Formula | C ₅₁ H ₇₉ BF ₂ N ₅ O ₁₂ P |
| Physical State | Chloroform |
| Storage | -20 °C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5402CGA010 |
| Avanti Lot Number | 810242C-1MG-A-010 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Physical examination | Chloroform: Yellow to orange solution with 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:

