

**TopFluor® TMR PE**

 1-oleoyl-2-(6-((4,4-difluoro-1,3-dimethyl-5-(4-methoxyphenyl)-4-bora-3 $\alpha$ ,4 $\alpha$ -diazas-indacene-2-propionyl)amino)hexanoyl)-sn-glycero-3- phosphoethanolamine

**810241C-1mg**

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<b>Molecular Weight</b>	972.941
<b>Chemical Formula</b>	C <sub>50</sub> H <sub>76</sub> BF <sub>2</sub> N <sub>4</sub> O <sub>10</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5401CGA010
<b>Avanti Lot Number</b>	810241C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> 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	$\lambda_{Ex\ max} = 544\ nm$ $\lambda_{Em\ max} = 571\ nm$	Pass
Mass Spectroscopy	$[M+H]^+ = 973.941 \pm 1\ amu$	$[M+H]^+ = 974.1\ amu$

Approved by:

