

16:0-C4 TopFluor[®] DNP Cap PE

1-palmitoyl-2-[4-(dipyrrrometheneboron difluoride)butanoyl]-sn-glycero-3-phosphoethanolamine-N-((6-(2,4-dinitrophenyl)amino)hexanoyl) (ammonium salt)

810289C-1mg

Page 1 of 1

Molecular Weight	1065.983
Chemical Formula	C ₅₀ H ₇₉ BF ₂ N ₇ O ₁₃ P
Physical State	Chloroform
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5427CGA010
Avanti Lot Number	810289C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Yellow to orange solution with no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Mass Spectroscopy	[M-NH ₄] ⁺ = 1047.983 ± 1 amu	[M-NH ₄] ⁺ = 1048.1 amu

Approved by:

