

18:1-C11 TopFluor[®] DG

1-oleoyl-3-[11-(dipyrrometheneboron difluoride)undecanoyl]-rac-glycerol

810297P-1mg

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Molecular Weight	770.879
Chemical Formula	C ₄₅ H ₇₃ BF ₂ N ₂ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5433PGC011
Avanti Lot Number	810297P-1MG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (7:3 Hexane: Ethyl Acetate)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 788.879 ± 1 amu	[M+NH ₄] ⁺ = 788.9 amu

Approved By: *Anderson Thomas*

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