

18:1-C11 TopFluor[®] DG

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

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Molecular Weight 770.879
Chemical Formula C₄₅H₇₃BF₂N₂O₅
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5433CGB011
Avanti Lot Number 810297C-1MG-B-011

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

