

18:0 Dibromo MG

1-(9,10-dibromostearoyl)-rac-glycerol

860777C-25mg

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Molecular Weight	516.348
Chemical Formula	C ₂₁ H ₄₀ Br ₂ O ₄
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6105CJA015
Avanti Lot Number	860777C-25MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99.2% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 532.348 – 537.348 ± 1 amu (range represents bromine isotopes)	[M+NH ₄] ⁺ = 534.5 amu

Approved by:

