

C17:0 GB3 (synthetic)

C17:0 Globotriaosylceramide

860699P-500ug

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Molecular Weight	1038.36
Chemical Formula	C ₅₃ H ₉₉ NO ₁₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6633PFC010
Avanti Lot Number	860699P-500UG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
HPLC/ELSD	NLT 99% (AUC)	99.5% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 1056.36 ± 1 amu	[M+NH ₄] ⁺ = 1055.73 amu

Approved By:



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