

KRN7000

 α -Galactosyl Ceramide

867000P-1mg

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Molecular Weight 858.322
Chemical Formula $C_{50}H_{99}NO_9$
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6153PGD015
Avanti Lot Number 867000P-1MG-D-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>99% Purity 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	$[M+H]^+ = 859.3 \pm 1$ amu	$[M+H]^+ = 858.8$ amu

Approved By: *Anderson Thomas*

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