

Galactosyl (alpha)Sphingosine (d18:1)

D-galactosyl-alpha-D-erythro-sphingosine

860437P-1mg

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Molecular Weight 461.64
Chemical Formula C₂₄H₄₇NO₇
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6699PGB010
Avanti Lot Number 860437P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive 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] ⁺ = 462.64 ± 1 amu	[M+H] ⁺ = 462.6 amu

Approved By: *Anderson Thomas*

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