

rac-16:0PI(3,5)P2-d5

1,2-dipalmitoyl-rac-glycero(d5)-3-phospho-(1'-myo-inositol-3',5'-bisphosphate) (ammonium salt)

850172P-100ug

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Molecular Weight	1027.11
Chemical Formula	C ₄₁ H ₈₅ D ₅ N ₃ O ₁₉ P ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5613PDA010
Avanti Lot Number	850172P-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (45: 35: 7.7: 2.3 Chloroform: Methanol: Water: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 487.00 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 487.1 amu

Approved by:

