

Click PI(4,5)P2-azido

1-oleoyl-2-(6-(6-azidohexanoyl)aminohexanoyl)-sn-glycero-3-phosphoinositol-4.5-bisphosphate (ammonium salt)

810340P-100ug

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Molecular Weight	1062.02
Chemical Formula	C ₃₉ H ₈₂ N ₇ O ₂₀ P ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5444PDA010
Avanti Lot Number	810340P-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: positive 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 +2H] ⁺ = 1010.020 ± 1 amu [M-3NH ₄ +H] ²⁺ = 504.510 ± 1 amu	[M-3NH ₄ +2H] ⁺ = 1009.6 amu [M-3NH ₄ +H] ²⁺ = 504.3 amu

Approved By:

