

Azido-PEG2000-Carboxy

azido-polyethylene glycol(2000)-carboxylic acid

880225P-100mg

Page 1 of 1

Molecular Weight	2083.45 (average MW due to polydispersity of PEG)
Chemical Formula	C ₉₂ H ₁₈₃ N ₃ O ₄₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6698PLA010
Avanti Lot Number	880225P-100MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform:Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (MW) by TOF-MS	Run and Report	2139.993
Polydispersity index by TOF-MS	Run and Report	1.006

Approved By:



For Research Use Only. Not For Human Use.