

Certest CP-LC-0729
2-hexyldecyl 3-((4-((2-(dimethylamino)ethyl)amino)-3-(2-hexyldecanamido)-4-oxobutyl)thio)propanoate
860799O-5mg
Page 1 of 1

Molecular weight 740.23
Chemical formula C₄₃H₈₅N₃O₄S
Physical State Neat Oil
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 7327OHA010
Avanti Lot Number 860799O-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Oil: Clear viscous liquid which contains no foreign matter	Pass
TLC (90:10:1 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative to slight positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 741.23 ± 1 amu	[M+H] ⁺ = 740.64 amu

Approved By:



For Research Use Only. Not For Human Use.