

12:0 N-Biotinyl fatty acid, NHS

12N-biotinyl dodecanoic acid, NHS ester

860757P-1mg

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Molecular Weight 538.7
Chemical Formula C₂₆H₄₂N₄O₆S
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6474PGA010
Avanti Lot Number 860757P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 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
Mass Spectroscopy	[M-H] ⁻ = 537.7 ± 1 amu	Pass

Approved By:



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