

4-palmitamido-TEMPO

N-tempoyl palmitamide

810610P-1mg

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Molecular Weight 409.669
Chemical Formula C₂₅H₄₉N₂O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5463PGE016
Avanti Lot Number 810610P-1MG-E-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative 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] ⁺ = 410.669 ± 1 amu [M+NH ₄] ⁺ = 427.669 ± 1 amu	[M+H] ⁺ = 410.5 amu [M+NH ₄] ⁺ = 427.5 amu

Approved by:



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