

Trifunctional Fatty Acid

N-diethylaminocoumarinyl photoclick fatty acid

880348P-1mg

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Molecular Weight 493.64
Chemical Formula C₂₉H₃₉N₃O₄
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 6938PGA010
Avanti Lot Number 880348P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Yellow solution with no foreign matter	Pass
TLC (3:1 Hexane: Ethyl Acetate)	>99% Purity UV: one major spot Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 494.64 ± 1 amu [M+Na] ⁺ = 516.64 ± 1 amu	[M+H] ⁺ = 494.6 amu [M+Na] ⁺ = 516.6 amu

Approved By:



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