

Laurdan

1-[6-(dimethylamino)naphthalen-2-yl]dodecan-1-one

850582P-500ug

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Molecular Weight	353.55
Chemical Formula	C ₂₄ H ₃₅ NO
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6665PFB010
Avanti Lot Number	850582P-500UG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow powder which contains no foreign matter	Pass
TLC	>99% Purity UV: positive 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] ⁺ = 354.55 ± 1 amu	[M+H] ⁺ = 354.4 amu

Approved By:



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