

**Laurdan**

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

**850582P-100ug**

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<b>Molecular Weight</b>	353.55
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>35</sub> NO
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6665PDB010
<b>Avanti Lot Number</b>	850582P-100UG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 354.55 ± 1 amu	[M+H] <sup>+</sup> = 354.4 amu

Approved By:



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