

**Palmitic acid - lissamine rhodamine**  
**[16-N-(lissamine rhodamine  $\beta$  sulfonyl)amino] palmitic acid**  
**810104P-1mg**

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**Molecular Weight** 812.09  
**Chemical Formula**  $C_{43}H_{61}N_3O_8S_2$   
**Physical State** Powder  
**Storage**  $-20^{\circ}C$   
**Expiration Date** One year from date of receipt  
**M Lot Number** 5308PGB010  
**Avanti Lot Number** 810104P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> light pink to pink solid which contains no foreign matter.	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: 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
Excitation/Emission by UV/VIS	$\lambda_{ex}$ max = 560 nm $\lambda_{em}$ max = 585 nm	Pass
Mass Spectroscopy	$[M-H]^{-}$ = 811.09 $\pm$ 1amu	$[M-H]^{-}$ = 810.5 amu

Approved by:

