

Catalog Number	L1392
Product Name	Lissamine™ rhodamine B 1,2-dihexadecanoyl- <i>sn</i> -glycero-3-phosphoethanolamine, triethylammonium salt (rhodamine DHPE)
CAS Number / Name	126111-99-7 / Xanthylium, 3,6-bis(diethylamino)-9-[4-[[[(7R)-4-hydroxy-4-oxido-10-oxo-7-[(1-oxohexadecyl)oxy]-3,5,9-trioxa-4-phosphapentacos-1-yl]amino]sulfonyl]-2-sulfophenyl]-, inner salt, compd. with N,N-diethylethanamine (1:1)
Molecular Formula	C ₇₀ H ₁₁₇ N ₄ O ₁₄ PS ₂
Molecular Weight	1333.81
Appearance	purple solid
Lot Number	2069270

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum	560 nm	561 ± 3 nm
Fluorescence ¹ Emission Maximum	580 nm	582 ± 4 nm
HPLC ² Purity	99 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1927175	N/A

1. Solvent: Methanol.

2. Method: Purity value represents summation of the areas of individual isomers.



Rachel Smith, Quality Assurance Manager

13-Nov-2017

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.