

Catalog Number	T1395MP
Product Name	Texas Red® DHPE (Texas Red® 1,2-dihexadecanoyl- <i>sn</i> -glycero-3-phosphoethanolamine, triethylammonium salt)
CAS Number / Name	187099-99-6 / 1H,5H,11H,15H-Xantheno[2,3,4-ij:5,6,7-i'j']diquinolizin-18-ium, 2,3,6,7,12,13,16,17-octahydro-9-[4-[[[(7R)-4-hydroxy-4-oxido-10-oxo-7-[(1-oxohexadecyl)oxy]-3,5,9-trioxa-4-phosphapentacos-1-yl]amino]sulfonyl]-2-sulfohenyl]-, inner salt, compd. with N,N-diethylethanamine (1:1)
Molecular Formula	C ₇₄ H ₁₁₇ N ₄ O ₁₄ PS ₂
Molecular Weight	1381.85
Appearance	purple solid
Lot Number	2115272

	LOT DATA	SPECIFICATION
Absorption ¹		
Maximum	582 nm	583 ± 3 nm
Extinction	116000 cm ⁻¹ M ⁻¹	118000 ± 14000 cm ⁻¹ M ⁻¹
Fluorescence ¹		
Emission Maximum	600 nm	601 ± 4 nm
HPLC ²		
Purity	99 % at 582 nm	≥ 90 % at 582 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	1945780	N/A

1. Solvent: Methanol.

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



Rachel Smith, Quality Assurance Manager

08-Jan-2018

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.