

Catalog Number C7001
Product Name CellTracker™ CM-Dil
CAS Number / Name 180854-97-1 / 3H-Indolium, 5-[[[4-(chloromethyl)benzoyl]amino]methyl]-2-[3-(1,3-dihydro-3,3-dimethyl-1-octadecyl-2H-indol-2-ylidene)-1-propenyl]-3,3-dimethyl-1-octadecyl-, chloride
Molecular Formula C₆₈H₁₀₅Cl₂N₃O
Molecular Weight 1051.5
Appearance purple solid
Lot Number 2144899

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	554 nm 128000 cm ⁻¹ M ⁻¹	553 ± 3 nm 138000 ± 10000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	568 nm	570 ± 4 nm
HPLC Purity	99 % at 553 nm	≥ 95 % at 553 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1942635	N/A

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager
09-Feb-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.