

Catalog Number C34552
Product Name CellTracker™ Red CMTPX *special packaging*
Molecular Formula $C_{42}H_{40}ClN_3O_4$
Molecular Weight 686.25
Appearance purple solid
Lot Number 2069789

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	578 nm 108000 cm ⁻¹ M ⁻¹	577 ± 3 nm 103000 ± 8000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	604 nm	602 ± 4 nm
HPLC Purity	93 % at 254 nm	≥ 80 % at 254 nm
HPLC ² Result	meets specification	corresponds to expected molecular weight
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2042933	N/A

1. Solvent: Methanol.
2. Method: Standard LCMS.



Rachel Smith, Quality Assurance Manager
02-Jan-2019

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.