



CERTIFICATE OF ANALYSIS

Catalog Number C054
Product Name MitoTrack Red FM
Molecular Formula C₃₉H₃₆Cl₅N₃
Molecular Weight 724
Appearance Purple solid
Lot Number

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	588 nm 78,000 cm ⁻¹ M ⁻¹	588 ± 3 nm 81,000 ± 6,000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	643 nm	644 ± 4 nm
HPLC Purity	95 % at 590 nm	≥ 90 % at 590 nm
NMR Result	meets specification	consistent with structure

1. Solvent: Methanol.