

Catalog Number D7776
Product Name DiIC₁₈(3)-DS (1,1'-dioctadecyl-3,3',3'-tetramethylindocarbocyanine-5,5'-disulfonic acid)
Molecular Formula C₅₉H₉₆N₂O₆S₂
Molecular Weight 993.54
Appearance purple solid
Lot Number 2052658

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	556 nm 138000 cm ⁻¹ M ⁻¹	555 ± 3 nm 144000 ± 10000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	570 nm	570 ± 4 nm
HPLC Purity	99 % at 555 nm	≥ 90 % at 555 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1788929	N/A

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager

03-Jun-2016

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.