

Catalog Number D12731
Product Name 'DiR'; DiIC₁₈(7) (1,1'-dioctadecyl-3,3',3'-tetramethylindotricarbocyanine iodide)
Appearance blue solid
Lot Number 2497581

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	748 nm 252000 cm ⁻¹ M ⁻¹	748 ± 3 nm 257000 ± 19000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	774 nm	776 ± 4 nm
HPLC Purity	99 % at 750 nm	≥ 95 % at 750 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2351162	n.a.

1. Solvent: Methanol



Aaron Rider, Quality Control Supervisor
17-Aug-2021

Life Technologies Corporation 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.