

Catalog Number D12731
Product Name 'DiR'; DiIC₁₈(7) (1,1'-dioctadecyl-3,3,3',3'-tetramethylindotricarbocyanine iodide)
Appearance blue solid
Lot Number 2379383

	LOT DATA	SPECIFICATION
Absorption ¹		
Maximum	748 nm	748 ± 3 nm
Extinction	252000 cm ⁻¹ M ⁻¹	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



Rachel Smith, Quality Assurance Manager
 17-Aug-2021

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.