

Catalog Number D3911
Product Name 'Dil'; DiIC₁₈(3) (1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate) *crystalline*
Appearance red solid
Lot Number 2455315

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	549 nm	549 ± 3 nm
Extinction	143000 cm ⁻¹ M ⁻¹	143000 ± 10000 cm ⁻¹ M ⁻¹
Fluorescence¹		
Emission Maximum	565 nm	564 ± 4 nm
HPLC		
Purity	90 % at 549 nm	≥ 90 % at 549 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	2422792	n.a.

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager
 7-Feb-2022

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.