

**Catalog Number** D12730  
**Product Name** DiIC<sub>18</sub>(5)-DS (1,1'-dioctadecyl-3,3',3'-tetramethylindodicarbocyanine-5,5'-disulfonic acid)  
**Molecular Formula** C<sub>61</sub>H<sub>98</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
**Molecular Weight** 1019.58  
**Appearance** purple solid  
**Lot Number** 2145059

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	650 nm 246000 cm <sup>-1</sup> M <sup>-1</sup>	650 ± 3 nm 227000 ± 22000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	672 nm	670 ± 4 nm
<b>HPLC</b> Purity	99 % at 647 nm	≥ 95 % at 647 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1770632	N/A

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager

11-Apr-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.