

#### **Lumiprobe Corporation**

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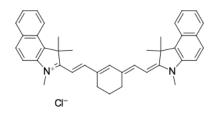
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# Cyanine 7.5 dimethyl

http://www.lumiprobe.com/p/cyanine75-dimethyl

Non-functionalized Cyanine 7.5 dye derivative with an aliphatic side chain and good solubility in organic solvents. The dye can be used as a non-reactive fluorophore for control experiments and for calibration.



## Structure of Cyanine 7.5 dimethyl

#### **General properties**

Appearance: dark green powder

Solubility: good in DMF, DMSO

Quality control: NMR <sup>1</sup>H and HPLC-MS (95+%)

Storage conditions: 24 months after receival at -20°C in the dark. Transportation: at room temperature

for up to 3 weeks. Desiccate.

## **Spectral properties**

Excitation/absorption maximum, nm: 788  $\epsilon$ , L·mol<sup>-1</sup>·cm<sup>-1</sup>: 223000 Emission maximum, nm: 808 Fluorescence quantum yield: 0.10