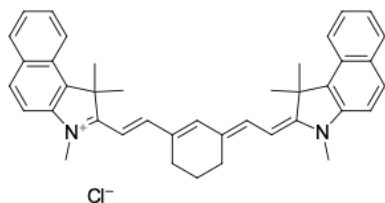


## Cyanine7.5 dimethyl

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

Non-functionalized Cyanine7.5 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 Cyanine7.5 dimethyl**

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### General properties

Appearance:	dark green powder
Molecular weight:	585.24
Molecular formula:	C <sub>40</sub> H <sub>41</sub> ClN <sub>2</sub>
Solubility:	good in DMF, DMSO
Quality control:	NMR <sup>1</sup> H and HPLC-MS (95+%)
Storage conditions:	24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

### Spectral properties

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