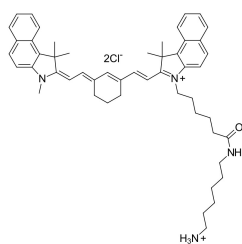


## Cyanine 7.5 amine (A270174)

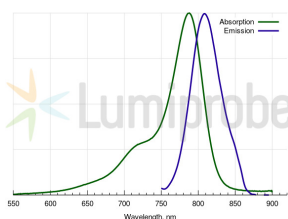
### Specifications:

Name:	Cyanine 7.5 amine
Description:	Cyanine 7.5 is a NIR fluorescent dye. This reagent contains free amino group which can be used coupled with activated carboxylic acid derivatives.
Absorption Maxima:	788 nm
Extinction Coefficient:	223000 M <sup>-1</sup> cm <sup>-1</sup>
Emission Maxima:	808 nm
CAS Number:	2104005-17-4, 2104005-16-3, 2104005-15-2
Purity:	95% (by <sup>1</sup> H NMR and HPLC-MS).
Molecular Formula:	C <sub>51</sub> H <sub>64</sub> Cl <sub>2</sub> N <sub>4</sub> O
Molecular Weight:	819.99 kDa
Product Form:	Dark green powder.
Solubility:	Good in DMSO, DMF, and alcohols.
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

### Images:



Cyanine 7.5 amine structure.



Cyanine 7.5 absorbance and emission spectra.