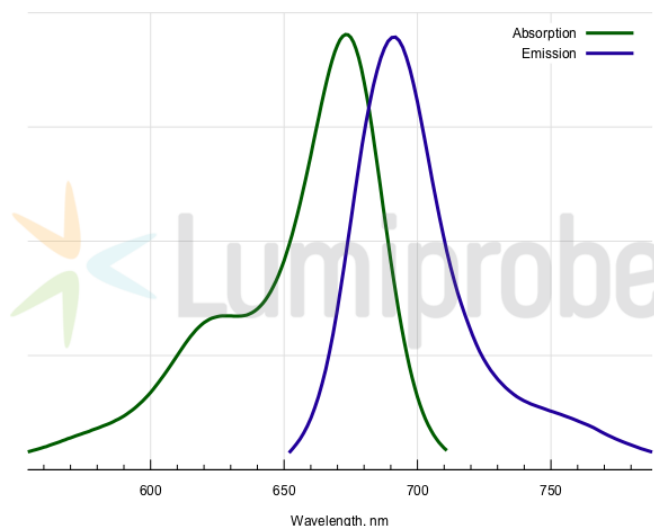
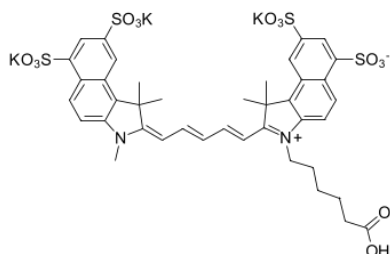


sulfo-Cyanine5.5 carboxylic acid

<http://hk.lumiprobe.com/p/sulfo-cy55-carboxylic-acid>

sulfo-Cyanine5.5 (analog of Cy5.5®) is a water-soluble, far-red emitting fluorophore. Due to four sulfo groups, the dye possesses a negative charge in neutral pH, and very high hydrophilicity. As a cyanine dye, sulfo-Cyanine5.5 shows a very low dependence of the fluorescence on pH, and a very high extinction coefficient.

This product is a free non-activated carboxylic acid that can be used for calibration and as a non-reactive control.



外观:

分子量: 1017.31

CAS 编号: 2183440-68-6 (inner salt)

分子式: $C_{40}H_{39}K_3N_2O_{14}S_4$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 673

ϵ , 摩尔吸光系数, cm^{-1} : 211000

发射极大值, 纳米: 691

荧光量子产率: 0.21

CF_{260} : 0.09

CF_{280} : 0.11