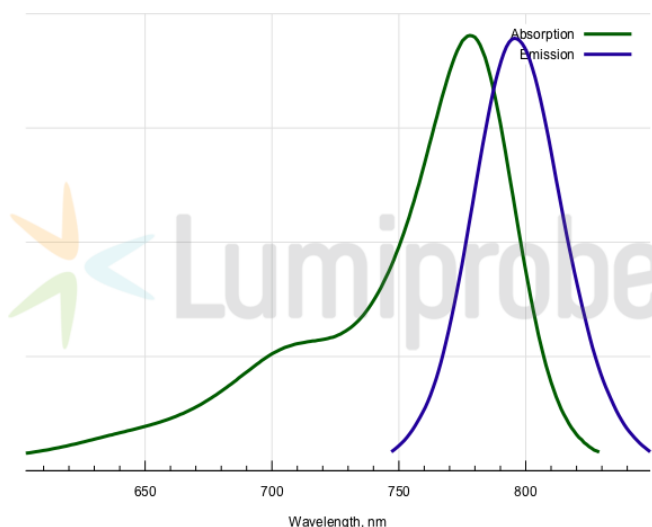
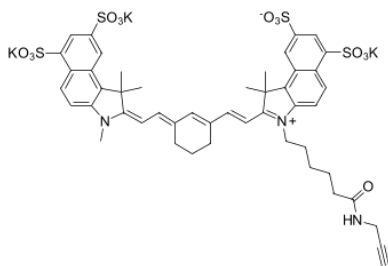


## sulfo-Cyanine7.5 alkyne

<http://hk.lumiprobe.com/p/sulfo-cy75-alkyne>

sulfo-Cyanine7.5 is a near-infrared, sulfonated cyanine dye with a rigidized trimethylene chain. The fluorophore is structurally similar to the Indocyanine Green (ICG) dye approved for human use. However, sulfo-Cyanine7.5 has an improved quantum yield because of its rigid structure.

This is an alkyne derivative for copper-catalyzed click chemistry reaction. sulfo-Cyanine7.5 is a very hydrophilic and water-soluble dye. The reagent is useful for labeling biomolecules and *in vivo* imaging.



外观:

质谱 M+ 增量: 1005.2

分子量: 1120.46

分子式:  $C_{48}H_{48}N_3K_3O_{13}S_4$

溶解度:

质量控制:

储存条件:

法律声明:

本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值, 纳米: 778

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 222000

发射极大值, 纳米: 797

荧光量子产率: 0.21

$CF_{260}$ : 0.09

$CF_{280}$ : 0.09