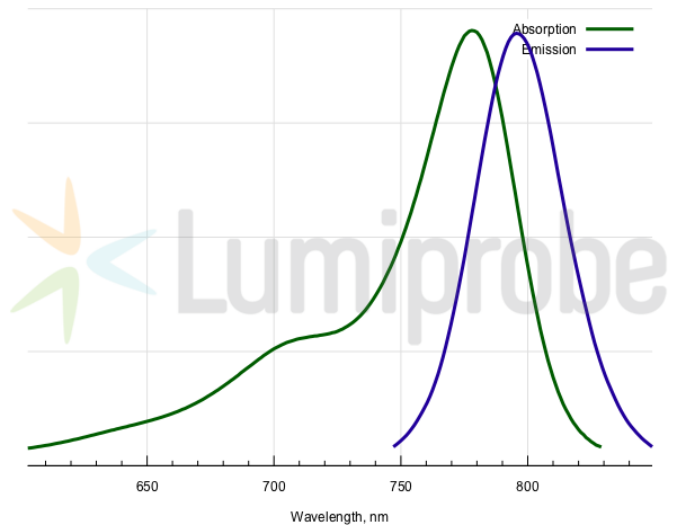
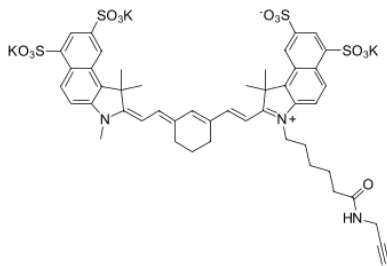


## sulfo-Cyanine7.5 alkyne

<http://cn.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 1005.2

M+

增量:

分子 1120.46

量:

分子式:  $C_{48}H_{48}N_3K_3O_{13}S_4$

式:

溶解

度:

质量

控制:

储存

条件:

法律 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试，且未经明示或暗示授权用于其他任何用途，包括但不限于体外诊断、人类或动物用途，以及商业用途。

激发/ 778

吸收

极大

值,

纳米:

$\epsilon$ , 摩 222000

尔吸

光系

数  $\sigma\tau$

发射 797

极大

值,

纳米:

荧光 0.21

量子

产率:

CF<sub>260</sub>: 0.09

CF<sub>280</sub>: 0.09