

## **Lumiprobe Corporation**

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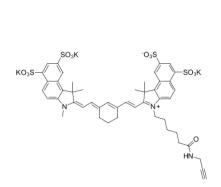
電子郵件: order@lumiprobe.com

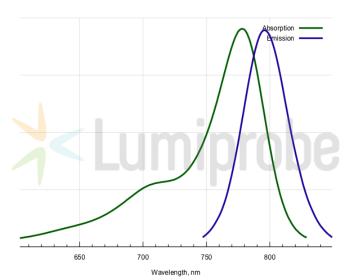
## sulfo-Cyanine7.5 alkyne

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: C48H48N3K3O13S4

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

ε, 摩尔吸光系数, cm<sup>-1</sup>: 222000

发射极大值,纳米: 797 荧光量子产率: 0.21 CF<sub>260</sub>: 0.09

CF<sub>280</sub>: 0.09