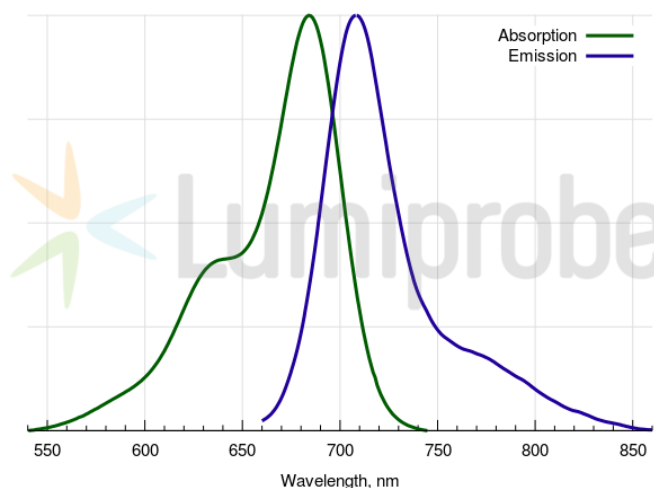
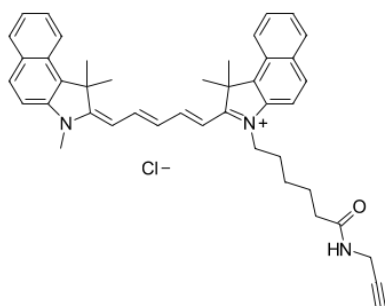


Cyanine5.5 alkyne

<http://cn.lumiprobe.com/p/cy55-alkyne>

Far red / near-infrared dye alkyne for click chemistry labeling. Cyanine5.5 is an analog of Cy5.5®, a popular fluorophore widely used for various applications, including intact organism imaging. This reagent can be conjugated with azido groups under mild copper-catalyzed click chemistry conditions.

This reagent is soluble in organic solvents, but mixtures of water with a small percent of DMSO can be used for efficient conjugation. Cyanine5.5 alkyne can also be used for the labeling of small molecules with this far red/NIR dye.



外观:

分子 656.30

量:

CAS 1628790-37-3

编号:

分子 $C_{43}H_{46}ClN_3O$

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/ 684

吸收

极大

值,

纳米:

ϵ , 摩

尔吸

光系

数 m^2

发射 710

极大

值,

纳米:

荧光 0.2

量子

产率:

CF_{260} : 0.07

CF_{280} : 0.03