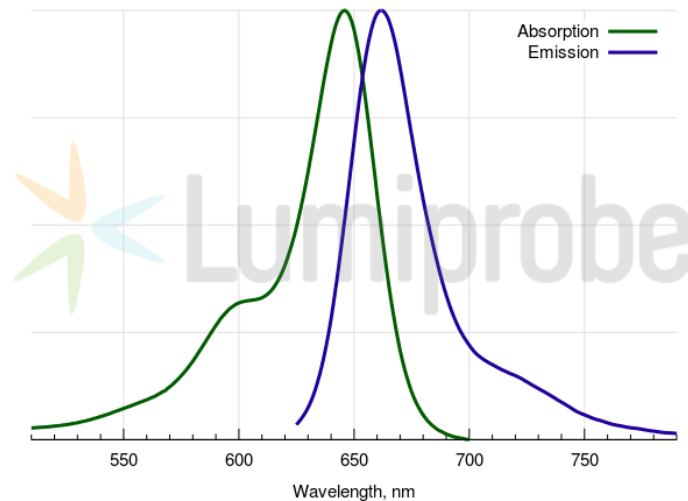


## sulfo-Cyanine5 alkyne NHS ester

<http://cn.lumiprobe.com/p/sulfo-cyanine5-alkyne-nhs-ester>

sulfo-Cyanine5 alkyne NHS-ether is a water-soluble bifunctional cross-linker containing a red water-soluble sulfo-Cyanine5 dye core and two reactive groups of a terminal alkyne and NHS ester.

Activated NHS esters are reactive with primary and secondary amino groups, and they can be used to label amino groups in proteins, peptides, amino-modified oligonucleotides, and other target molecules. The terminal alkyne group is used for copper-catalyzed click chemistry (CuAAC) or Sonogashira coupling.



外观:

分子 915.14

量:

分子  $C_{44}H_{51}KN_4O_{11}S_2$

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/ 646

吸收

极大

值,

纳米:

$\epsilon$ , 摩 271000

尔吸

光系

数  $\sigma^2$

发射 662

极大

值,

纳米:

荧光 0.28

量子

产率:

$CF_{660}$ : 0.04

$CF_{280}$ : 0.04