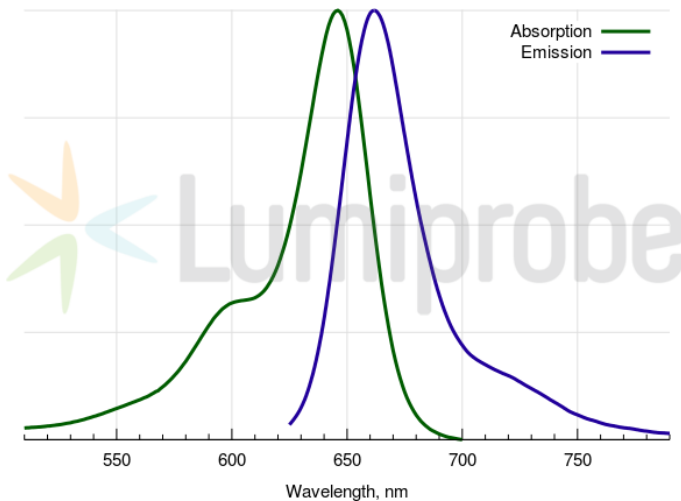


## sulfo-Cyanine5 alkyne NHS ester

<http://hk.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:

分子量: 915.14

分子式:  $C_{44}H_{51}KN_4O_{11}S_2$

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: 646

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 271000

发射极大值, 纳米: 662

荧光量子产率: 0.28

$CF_{260}$ : 0.04

$CF_{280}$ : 0.04