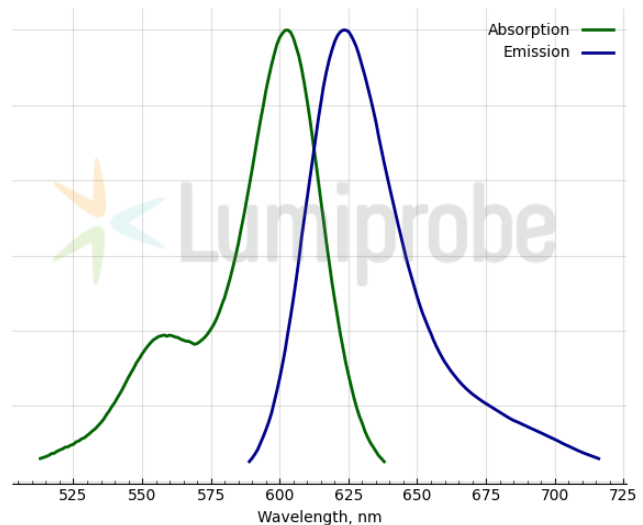
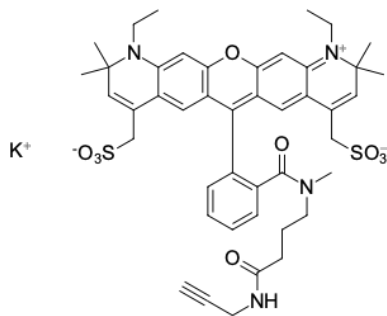


## ATT 594 alkyne

<http://hk.lumiprobe.com/p/atto-594-alkyne>

ATT 594 alkyne is a bright orange-red fluorescent dye functionalized with a terminal alkyne group for copper-catalyzed azide-alkyne cycloaddition (CuAAC) reactions. The dye enables efficient and selective labeling of azide-modified biomolecules, including proteins, nucleic acids, glycans, and other biologically relevant targets.

The fluorophore exhibits high fluorescence intensity and good photostability, making it suitable for fluorescence microscopy, flow cytometry, and imaging applications requiring sensitive detection, such as super-resolution microscopy and single-molecule detection.



外观:

分子量: 881.12

分子式:  $C_{44}H_{49}KN_4O_9S_2$

溶解度: 水、DMSO、DMF、甲醇、乙醇

质量控制: NMR  $^1H$  和 HPLC-MS (95+%)

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: 603

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 125000

发射极大值, 纳米: 624

荧光量子产率: 0.63

$CF_{260}$ : 0.380

$CF_{280}$ : 0.645