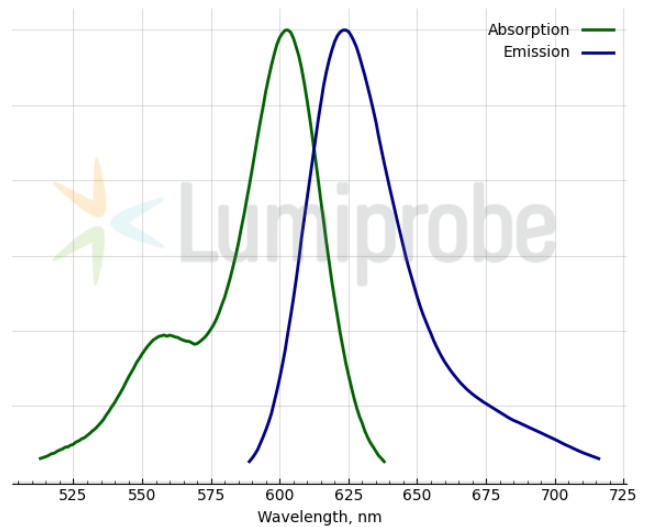
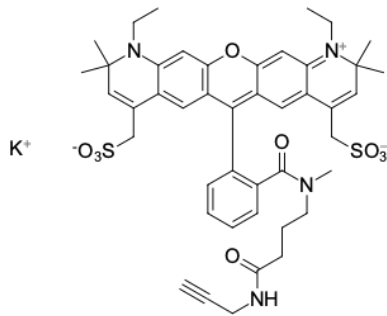


ATT 594 alkyne

<http://cn.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 881.12

量:

分子 $C_{44}H_{49}KN_4O_9S_2$

式:

溶解 水、DMSO、DMF、甲醇、乙醇

度:

质量 NMR 1H 和 HPLC-MS (95+%)

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/ 603

吸收

极大

值,

纳米:

ϵ , 摩 125000

尔吸

光系

数 m^2

发射 624

极大

值,

纳米:

荧光 0.63

量子

产率:

CF_{260} : 0.380

CF_{280} : 0.645