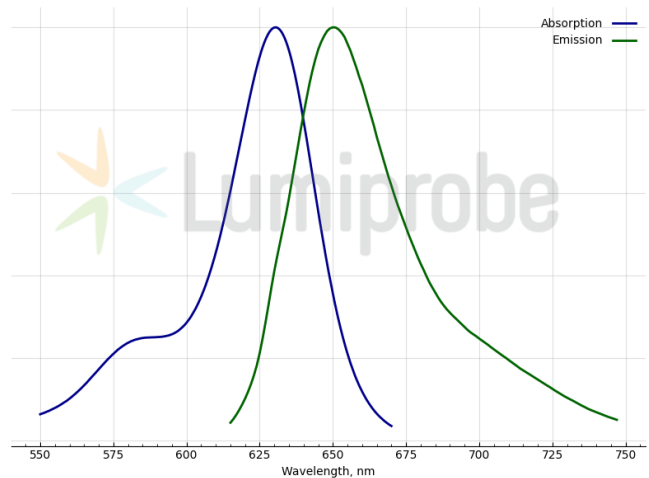
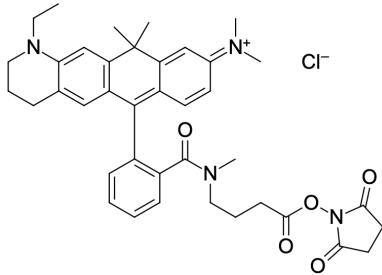


ATT 633 NHS ester

<http://cn.lumiprobe.com/p/atto-633-nhs-ester>

ATT 633 NHS ester is an activated ester of the ATT 633 fluorophore, designed for covalent labeling of biomolecules containing primary amine groups. The reagent efficiently reacts with ϵ -amino groups of lysine residues and N-terminal amino groups of proteins, forming stable amide bonds.

ATT 633 is a far-red hydrophilic dye characterized by high molar absorptivity and quantum yield. The fluorophore exhibits good photostability, provides a bright signal and high detection sensitivity, and is suitable for a wide range of applications, including fluorescence microscopy, flow cytometry, and in-gel visualization.



外观: 蓝紫色晶体

分子量: 685.26

编号:

CAS 2982226-58-2

分子式:

$C_{39}H_{45}ClN_4O_5$

溶解度:

DCM、DMSO、乙腈

质量

控制: NMR 1H , HPLC-MS (95%)

储存

条件: 储存: 收到后在 $-20^{\circ}C$ 黑暗条件下可保存 24 个月。运输: 室温下可保存最多 3 周。避免长时间暴露在光线下。干燥。

法律

声明: 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/ 630

吸收

极大

值,

纳米:

ϵ , 摩

尔吸

光系

数 σ^2

发射

极大

值,

纳米:

荧光

量子

产率:

CF_{260} :

CF_{280} :

0.313

0.091