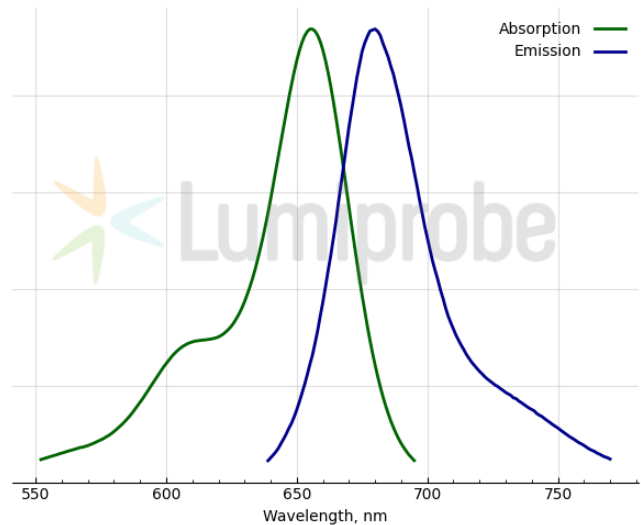
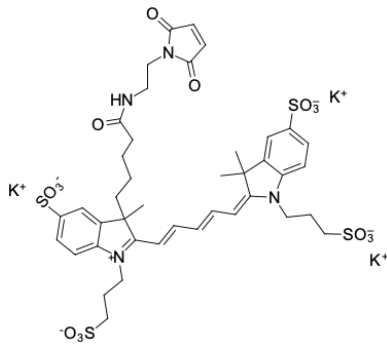


AF 647 maleimide

<http://cn.lumiprobe.com/p/af-647-maleimide>

AF 647 maleimide is a thiol-reactive dye for labeling of protein SH groups, and it can be used to attach AF 647 fluorophore to proteins and peptides containing cysteine residues, as well as to other thiolated molecules (such as thiol-containing oligonucleotides). Cystines should be reduced with TCEP (tris-carboxyethylphosphine) or with another appropriate reductant prior to the labeling.

AF 647 is a bright, far-red-emitting fluorescent dye with high fluorescence quantum yield and photostability. AF 647 is a water-soluble, pH-insensitive dye. The spectrum of AF 647 is far from the green-yellow wavelengths, which makes this fluorophore indispensable for the microscopy of tissues with high autofluorescence.



外观: 深蓝色粉末

分子 1081.40

量:

分子 C₄₁H₄₇K₃N₄O₁₅S₄

式:

溶解 适用于 DMSO、DMF

度:

质量 NMR ¹H 和 HPLC-MS (90+%)

控制:

储存 收到后在 -20°C 黑暗条件下可保存 12 个月。运输: 室温下最多可保存 3 周。干燥。

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/ 655

吸收

极大

值,

纳米:

ε, 摩

尔吸

光系

数 m²

发射 680

极大

值,

纳米:

荧光 0.15

量子

产率:

CF₂₆₀: 0.09

CF₂₈₀: 0.08