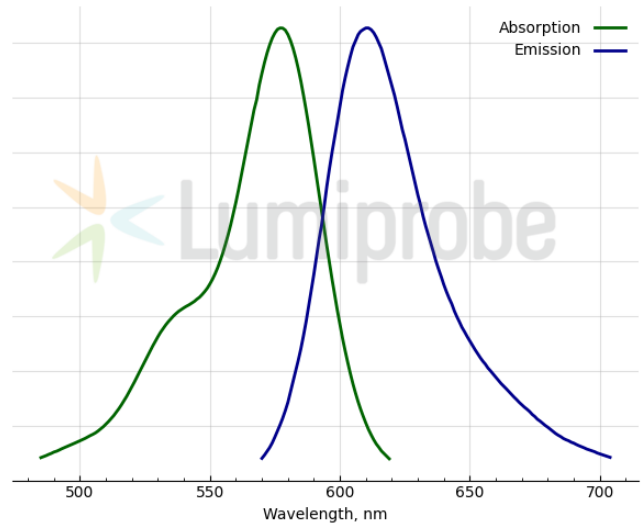
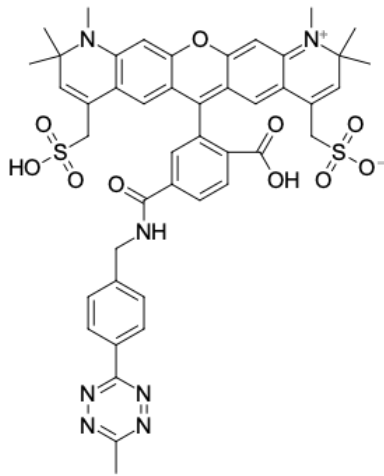


AF 594 tetrazine, 6-isomer

<http://cn.lumiprobe.com/p/af-594-tetrazine-6>

AF 594 is a water-soluble red-fluorescent dye with high fluorescence quantum yield and high photostability. The dye is similar to Texas Red in spectral characteristics (absorption max. at 586 nm, emission max. at 613 nm) and is not sensitive to pH changes within the range from 4 to 10. This reagent is a pure 6-isomer.

This AF 594 derivative contains tetrazine moiety that reacts with trans-cycloalkenes and other strained olefins in inverse electron demand Diels-Alder reaction (IEDDA). The reaction is very quick, specific and suitable for *in vitro* cell labeling.



外观: 深紫色晶体

分子量: 906.01

式:

分子式: $C_{45}H_{43}N_7O_{10}S_2$

式:

溶解度: 适用于甲醇、DMSO、DMF 和水

度:

质量控制: NMR 1H 和 HPLC-MS (95+%)

控制:

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

条件:

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/吸收: 586

极大值,

纳米:

ε, 摩尔吸光系数: 105000

发射: 613

极大值,

纳米:

荧光量子产率: 0.77

CF₂₆₀: 0.28

CF₂₈₀: 0.51