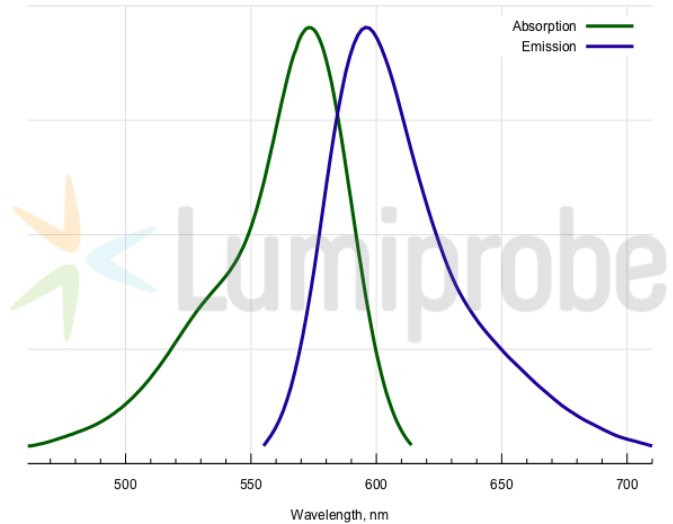
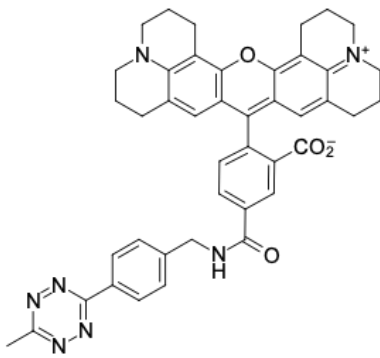


ROX tetrazine, 5-isomer

<http://cn.lumiprobe.com/p/rox-tetrazine-5>

ROX tetrazine is a derivative of ROX (Rhodamine X, Rhodamine 101) dye, a red-emitting fluorophore possessing high brightness and fluorescence quantum yield. This compound 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 and specific. This reagent is a pure 5-isomer of ROX.



外观:

分子量: 717.83

分子式: $C_{43}H_{39}N_7O_4$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 570

ϵ , 摩尔吸光系数, cm^{-1} : 93000

发射极大值, 纳米: 591

荧光量子产率: 1.0

CF_{260} : 0.62

CF_{280} : 0.49