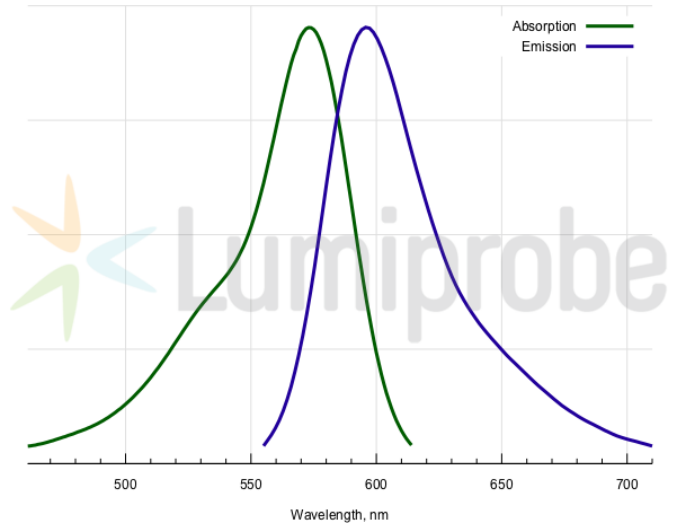
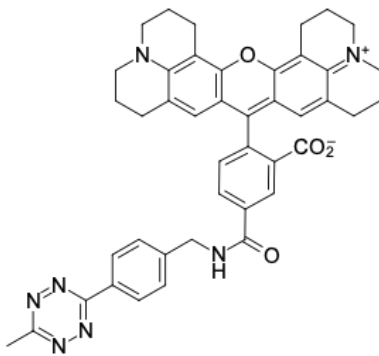


## ROX tetrazine, 5-isomer

<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

$\epsilon$ , 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