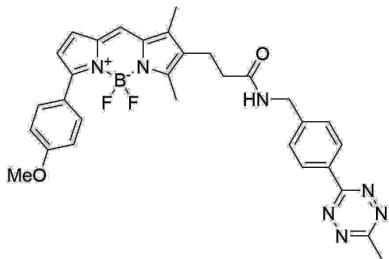


BDP TMR tetrazine

<http://cn.lumiprobe.com/p/bdp-tmr-tetrazine>

BDP TMR, an orange-fluorescent dye. Because of its small size and relatively long excitation lifetime, this fluorophore can be used for studying ligand-receptor interactions based on fluorescence polarization.

A tetrazine fragment in the molecule can rapidly react with trans-cyclooctene and cyclopropene derivatives in [4+2] cycloaddition reactions, which result in stable biomolecule-fluorophore conjugates.



外观:

分子量: 581.42

分子式: C₃₁H₃₀N₇BF₂O₂

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 542

ε, 摩尔吸光系数, cm⁻¹: 55000

发射极大值, 纳米: 574

荧光量子产率: 0.64

CF₂₆₀: 0.16

CF₂₈₀: 0.16