

Lumiprobe Corporation

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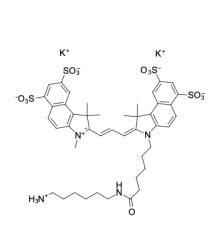
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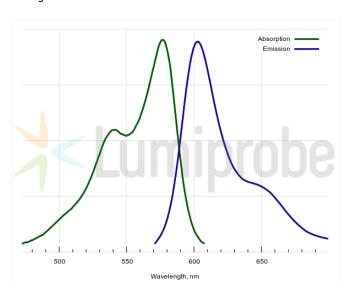
sulfo-Cyanine3.5 amine

http://cn.lumiprobe.com/p/sulfo-cy35-amine

sulfo-Cyanine3.5 is a cyanine fluorophore with fluorescence in the red-orange spectrum range. Its absorption and emission spectra are between those of Cyanine3 and Cyanine5. As well as other cyanines, sulfo-Cyanine3.5 has an outstanding extinction coefficient. The dye possesses four sulfonate groups, rendering it highly hydrophilic and water soluble.

This product is an amine-containing fluorescent dye. The amine group is separated from the fluorophore by a relatively long linker that facilitates conjugation. The aliphatic primary amine group can be coupled with various electrophiles (activated esters, epoxides, etc.) and used in enzymatic transamination labeling.





外观:

分子量: 1051.38

分子式: C₄₄H₅₂K₂N₄O₁₃S₄

溶解度: 质量控制: 储存条件:

激发/吸收极大值,纳米: 576 ε,摩尔吸光系数, cm⁻¹: 139000

发射极大值,纳米: 603 荧光量子产率: 0.11 CF₂₆₀: 0.16 CF₂₈₀: 0.17