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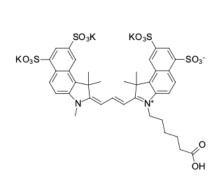
sulfo-Cyanine3.5 carboxylic acid

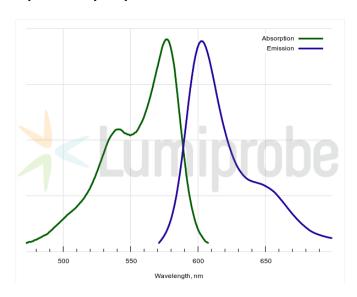
http://cn.lumiprobe.com/p/sulfo-cy35-carboxylic-acid

sulfo-Cyanine 3.5 is a cyanine fluorophore with fluorescence in the orange spectrum range. Its absorption and emission spectra are between those of Cyanine 3 and Cyanine 5.

This dye is a sulfonated form of Cyanine3.5 (contains four sulfo groups), so it has good solubility and can be used in reactions without adding organic solvents.

This reagent is a derivative with a free carboxyl group. Because of its inactivity in physiological conditions, sulfo-Cyanine3.5 carboxylic acid derivative can be used as a negative control in experiments with active dye derivatives. The carboxylic acid can be activated with carbodiimides (e. g. EDAC) and react with hydrazines, hydroxylamines, and amines.





外观:

分子量: 991.26

分子式: C₃₈H₃₇N₂K₃O₁₄S₄

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