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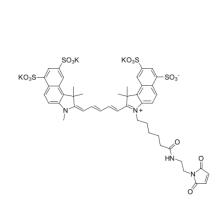
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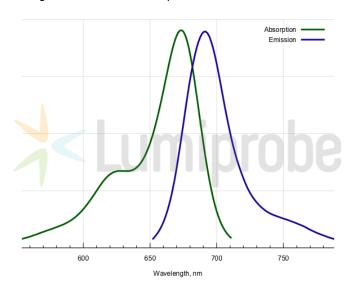
sulfo-Cyanine5.5 maleimide

http://hk.lumiprobe.com/p/sulfo-cy55-maleimide

sulfo-Cyanine5.5 dye is a water-soluble far-red to NIR emitting dye that is very hydrophilic due to the presence of four sulfo groups. sulfo-Cyanine5.5 derivatives exhibit high water solubility. The dye is perfect for labeling sensitive proteins, nanoparticles, and highly hydrophilic biopolymers.

This maleimide is a thiol-reactive dye that selectively labels cysteine residues. Disulfide bonds of native proteins should be reduced with an appropriate reducing agent, such as TCEP, according to our recommended protocol.





外观:

质谱 M+ 增量: 1024.2 分子量: 1139.43

CAS 编号: 2183440-58-4 (potassium salt); 2183440-57-3 (inner salt)

分子式: C₄₆H₄₅K₃N₄O₁₅S₄

溶解度: 质量控制: 储存条件:

激发/吸收极大值,纳米: 673
ε,摩尔吸光系数, cm⁻¹: 211000
发射极大值,纳米: 691
荧光量子产率: 0.21
CF₂₆₀: 0.09
CF₂₈₀: 0.11