

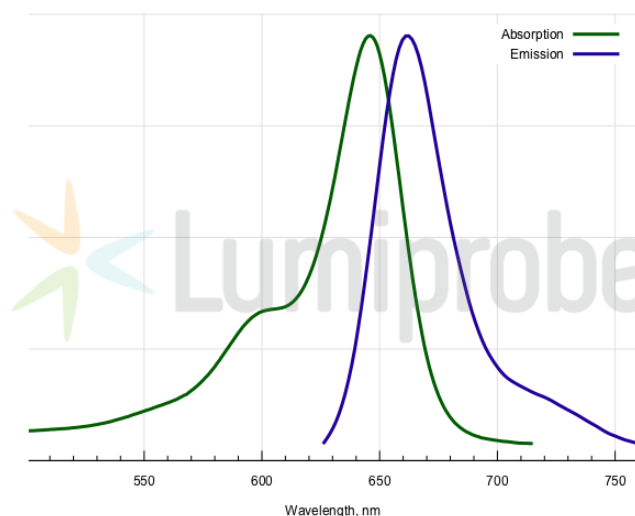
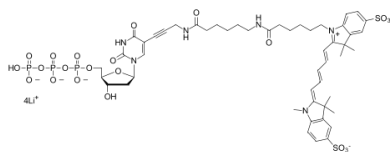
sulfo-Cyanine5 dUTP

<http://cn.lumiprobe.com/p/sulfo-cy5-dutp>

sulfo-Cyanine5 dUTP (deoxyuridine triphosphate) is a modified nucleoside triphosphate for the enzymatic labeling of DNA. The triphosphate is an analog of Cy5-dUTP. However, unlike aminoallyl dUTP directly modified with dye, this triphosphate contains a longer linker arm that increases the efficiency of its incorporation by usual polymerases, like Taq polymerase.

sulfo-Cyanine5 is a bright, far-red emitting dye for the Cy5 channel.

The triphosphate is supplied in the lyophilized ready-to-use form of lithium salt.



外观:

分子量: 1275.89

分子式: $C_{49}H_{66}N_6Li_4O_{22}P_3S_2$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 646

ϵ , 摩尔吸光系数, cm^{-1} : 271000

发射极大值, 纳米: 662

荧光量子产率: 0.28

CF₂₆₀: 0.04

CF₂₈₀: 0.04