

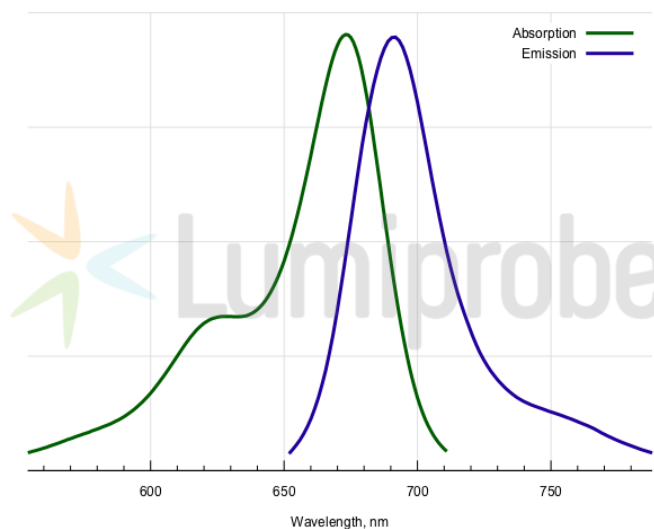
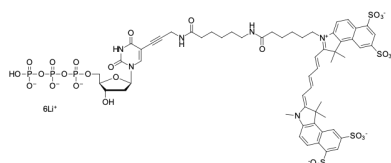
sulfo-Cyanine5.5 dUTP

<http://cn.lumiprobe.com/p/sulfo-cy55-dutp>

sulfo-Cyanine5.5 is a far red emitting dye. Since almost no biological sources of fluorescence background emit in its range, this fluorophore provides great signal to noise ratio.

This molecule is a modified deoxyuridine triphosphate (dUTP) that is a substrate to many enzymes including simple Taq polymerase. Due to its extended amino-11-linker, this reagent provides a better alternative to aminoallyl derived triphosphates with dyes.

The QC of triphosphates includes HPLC-MS and enzymatic testing.



外观:

分子量: 1554.97

分子式: $C_{58}H_{63}N_6Li_6O_{28}P_3S_4$

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

CF_{260} : 0.09

CF_{280} : 0.11