

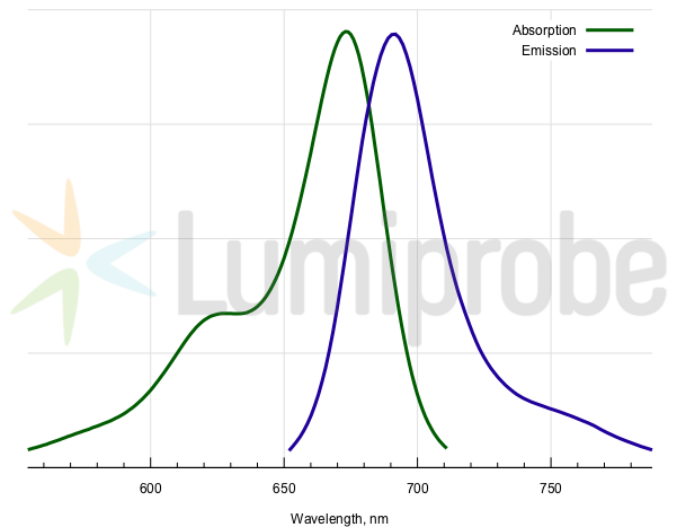
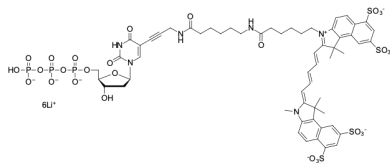
## Sulfo-Cyanine5.5 dUTP

<http://de.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.



### Allgemeine Eigenschaften

Erscheinungsform:

Molekülmasse: 1554.97

Molekülformel:  $C_{58}H_{63}N_6Li_6O_{28}P_3S_4$

Qualitätskontrolle:

Lagerungsbedingungen: Lagerung: 12 Monate nach Wareneingang bei  $-20\text{ °C}$  im Dunkeln. Transport: bei Raumtemperatur bis zu drei Wochen. Längere Lichteinwirkung vermeiden. Trocken lagern.

### Spektrale Eigenschaften

Anregungsmaximum / nm: 673

$\epsilon$  /  $L \cdot mol^{-1} \cdot cm^{-1}$ : 235000

Emissionsmaximum / nm: 691

$CF_{260}$ : 0.09

$CF_{280}$ : 0.11