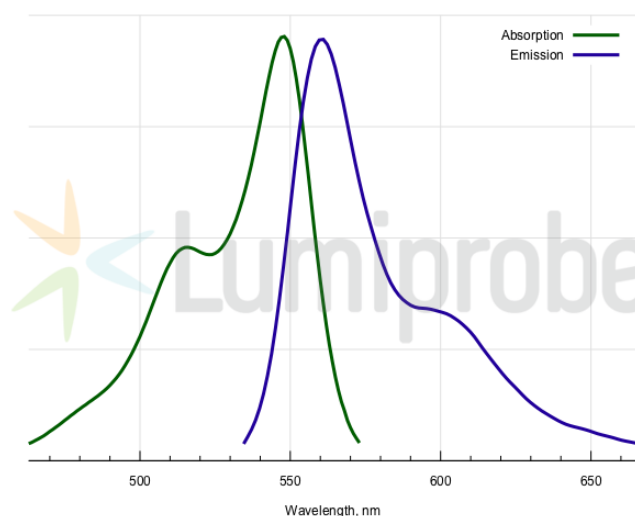
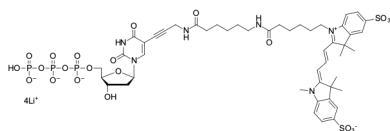


sulfo-Cyanine3 dUTP

<http://cn.lumiprobe.com/p/sulfo-cy3-dutp>

Labeled deoxynucleoside triphosphates (dNTPs) provide an efficient way for the enzymatic labeling of DNA. DNA microarrays, PCR amplicons, and reverse transcripts can be labeled using various dNTPs.

sulfo-Cyanine3 is a dye emitting in yellow range. This fluorophore is a standard dye used in DNA microarray experiments. sulfo-Cyanine3 dUTP is a labeled triphosphate providing efficient labeling in enzymatic reactions with various enzymes, including simple Taq polymerase. Quality of each batch is assured by HPLC-MS, and testing in enzymatic reaction.



外观:

分子量: 1247.84

分子式: $C_{47}H_{62}N_6Li_4O_{22}P_3S_2$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 548

ϵ , 摩尔吸光系数, cm^{-1} : 162000

发射极大值, 纳米: 563

荧光量子产率: 0.1

CF_{260} : 0.03

CF_{280} : 0.06