

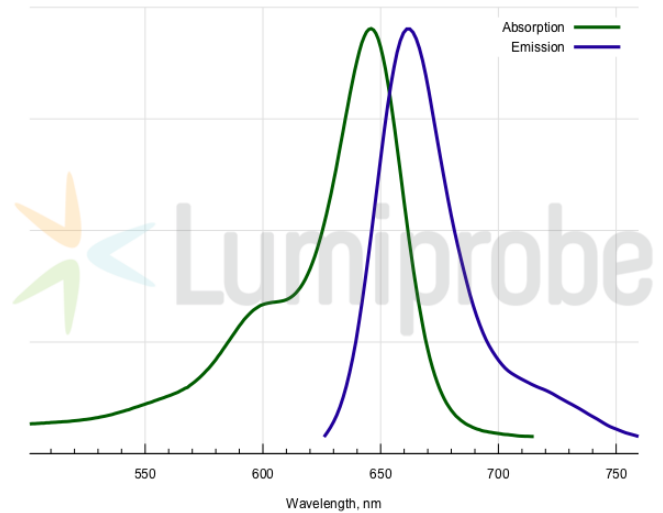
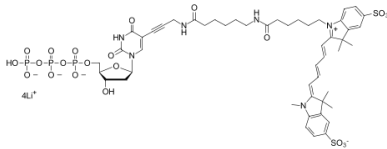
sulfo-Cyanine5 dUTP

<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.

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: 蓝色固体

分子量: 1275.89

式:

$C_{49}H_{66}N_6Li_4O_{22}P_5S_2$

溶解

度:

质量

控制:

储存

条件:

法律 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。

激发/ 646

吸收

极大

值,

纳米:

ϵ , 摩

尔吸

光系

数 $\sigma\epsilon$

发射 662

极大

值,

纳米:

荧光 0.28

量子

产率:

CF_{260} : 0.04

CF_{280} : 0.04