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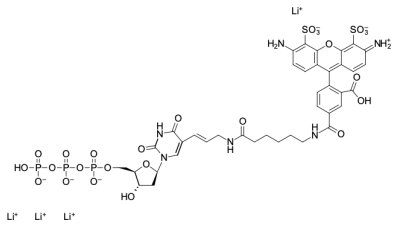
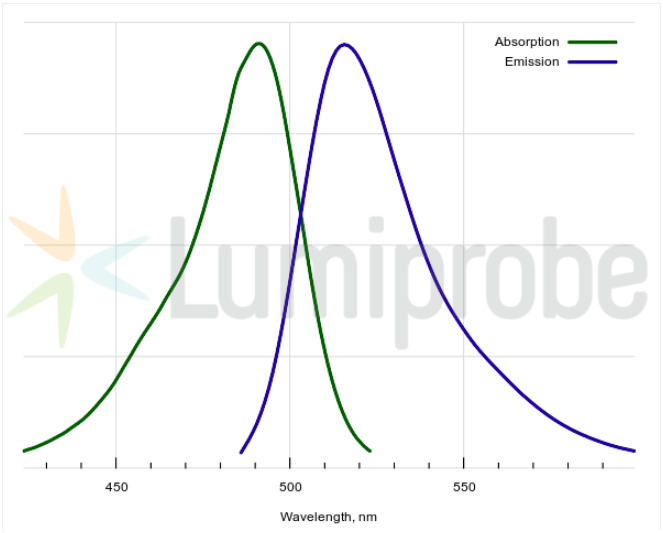
AF 488 dUTP

http://hk.lumiprobe.com/p/af-488-dutp

AF 488 dUTP is a nucleotide labeled with the fluorescent dye AF 488, used to synthesize labeled DNA probes. Nucleotides can be incorporated into nucleic acid using standard molecular biology techniques such as nick translation, random primer labeling, reverse transcription, PCR, and end-labeling with terminal deoxynucleotidyl transferase. Labeled DNA probes can be used for techniques such as FISH, microarrays, and blotting.

AF 488 is a fluorescent dye that is insensitive to pH in the range from 4 to 10. AF 488 has absorption maxima at 495 nm and emission maxima at 519 nm, which corresponds to the green region of the spectrum.





外观:	
分子量:	1177.59
分子式:	$C_{39}H_{40}Li_4N_6O_{25}P_3S_2$-
溶解度:	水
质量控制:	
储存条件:	接收後24個月在黑暗中-20°C。運輸：在室溫下最多3週。乾燥。避免長時間暴露於光線。
法律声明:	本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值，纳米:	495
ε, 摩尔吸光系数，cm^{-1}:	71800
发射极大值，纳米:	519
荧光量子产率:	0.91
CF_{260}:	0.16
CF_{280}:	0.10