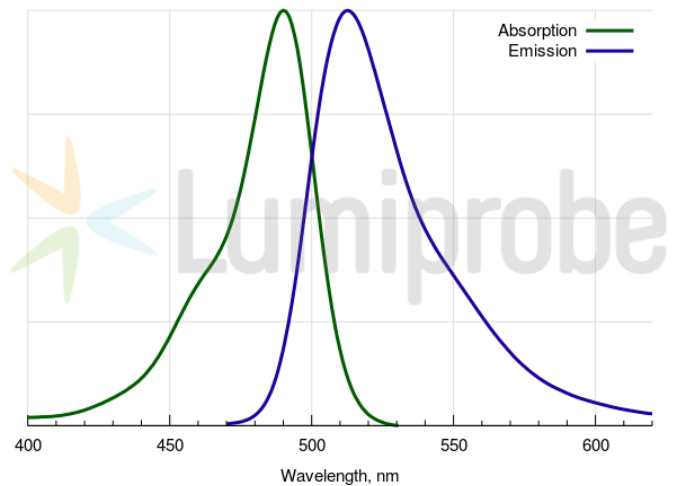
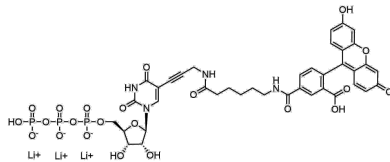


## FAM-11-UTP, 6-isomer

<http://cn.lumiprobe.com/p/fam-11-utp-6-isomer>

6-fluorescein (FAM) derivative of uridine triphosphate (UTP). FAM is a fluorophore with a high quantum yield. The maximum emission of the fluorescence is at a wavelength of 513 nm in the green spectrum range.

6-FAM-11-UTP can be used as a substrate for RNA-polymerases T7, T3 and SP6 during *in vitro* transcription. RNA-probes produced with this method can be used for fluorescence hybridization *in situ*, including multiplex, and for Northern blot. Fluorescently-labeled cRNA can be used for microarray-based gene expression profiling.



外观:

分子 1026.54

量:

分子  $C_{29}H_{36}Li_2N_4O_{22}P_3$

式:

IUPAC ((2R,3S,4R,5R)-5-(5-(3-(6-(3-carboxy-4-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzamido)hexanamido)prop-1-yn-1-yl)-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl  
名称: hydrogen triphosphate

溶解

度:

质量

控制:

储存

条件:

激发/ 492

吸收

极大

值,

纳米:

$\epsilon$ , 摩 74000

尔吸

光系

数  $cm^2$

发射 517

极大

值,

纳米:

荧光 0.93

量子

产率:

$CF_{280}$ : 0.22

$CF_{380}$ : 0.17