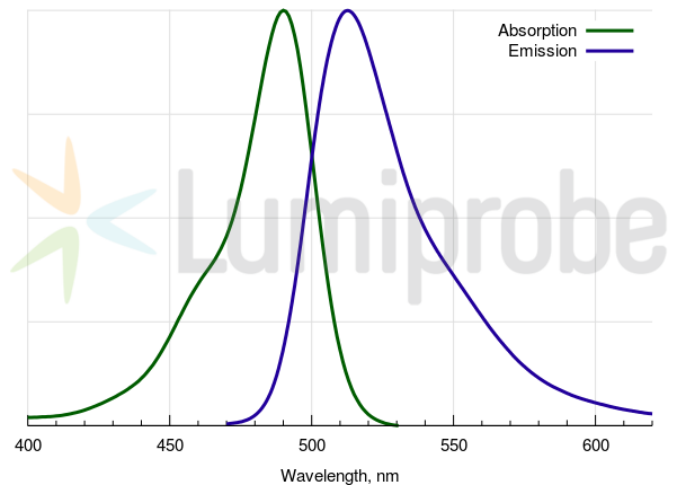
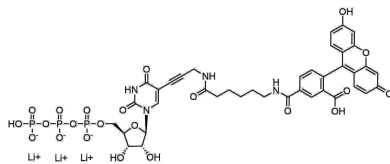


FAM-11-UTP, 6-isomer

<http://hk.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 $C_{29}H_{36}Li_3N_4O_{22}P_3$
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:
 ϵ , 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