

FAM-11-dCTP, 6-isomer

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

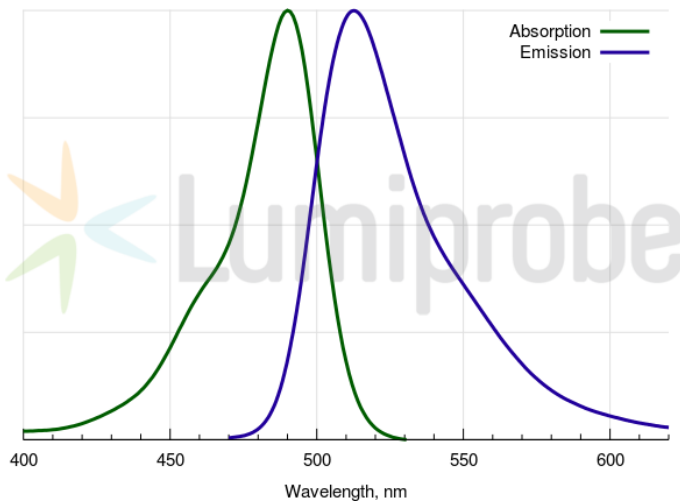
6-fluorescein (FAM) derivative of deoxycytidine triphosphate (dCTP).

FAM 6-isomer is a common fluorophore used for labeling biomolecules; FAM has a high quantum yield and bright green emission.

FAM-11-dCTP can be used for enzymatic DNA labeling via Nick-translation.

The linker length (11 carbon atoms) is optimal for the efficient incorporation of fluorescently-labeled dCTP into the growing DNA chain.

Labeled DNA can be used for FISH experiments, microarray gene profiling, Southern blot, and Northern blot.



外观:
分子 1012.5
量:
分子 $C_{29}H_{40}N_4Li_3O_{20}P_3$
式:
IUPAC ((2R,3S,5R)-5-(4-amino-5-(3-(6-(3-carboxy-4-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzamido)hexanamido)prop-1-yn-1-yl)-2-oxo-3,4-dihydropyrimidin-1(2H)-yl)-3-hydroxytetrahydrofuran-2-yl)methyl
名称: hydrogen triphosphate
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,
声明: 以及商业用途。

激发/ 490
吸收
极大
值,
纳米:
 ϵ , 摩
尔吸
光系
数 cm^2
发射 513
极大
值,
纳米:
荧光
量子
产率:
 CF_{260} : 0.20
 CF_{380} : 0.17