

## FAM-11-dCTP, 6-isomer

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

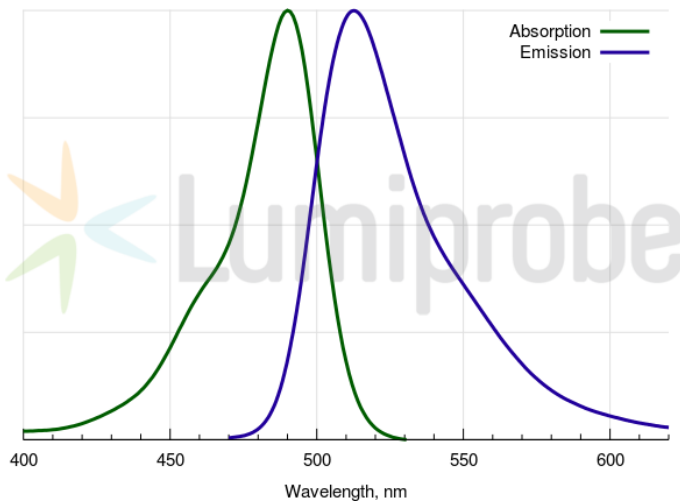
6-fluorescein (FAM) derivative of deoxycytidine triphosphate (dCTP).

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  $C_{39}H_{40}N_4Li_3O_{20}P_3$

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  
声明: 及商業用途。

激发/ 490

吸收

极大

值,

纳米:

$\epsilon$ , 摩

尔吸

光系

数  $cm^2$

发射

极大

值,

纳米:

荧光

量子

产率:

$CF_{260}$ : 0.20

$CF_{380}$ : 0.17