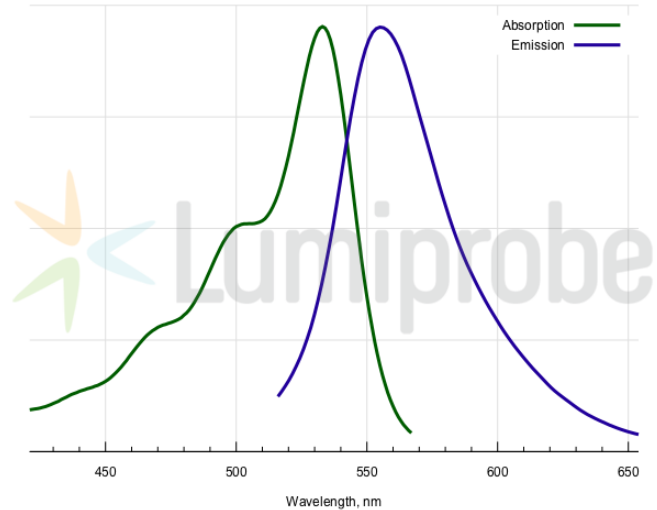
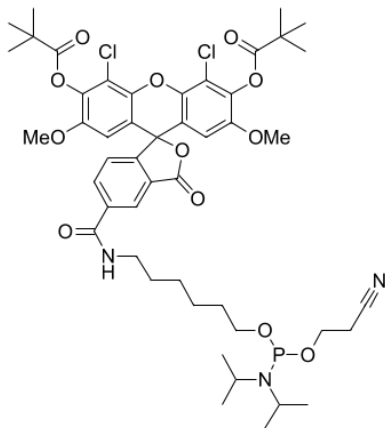


## JOE phosphoramidite, 5-isomer

<http://hk.lumiprobe.com/p/joe-phosphoramidite-5>

JOE is a xanthene dye, fluorescein derivative possessing two chloro- and two methoxy substituents. This fluorophore is a useful label for oligonucleotides. Its absorption and emission spectra are located between FAM and TAMRA.

The fluorophore can be introduced into oligonucleotide using this phosphoramidite. It tolerates standard ammonium deblock conditions. This product contains a pure isomer of 5-JOE dye.



外观:

分子量: 972.88

分子式:  $C_{48}H_{60}N_3Cl_2O_{12}P$

溶解度:

质量控制:

储存条件:

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: 533

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 75000

发射极大值, 纳米: 554

荧光量子产率: 0.61

$CF_{260}$ : 0.36

$CF_{280}$ : 0.28

稀释剂:

偶联条件:

切割条件:

解保护条件: