

VIC phosphoramidite, 6-isomer

<http://hk.lumiprobe.com/p/vic-amidite-6>

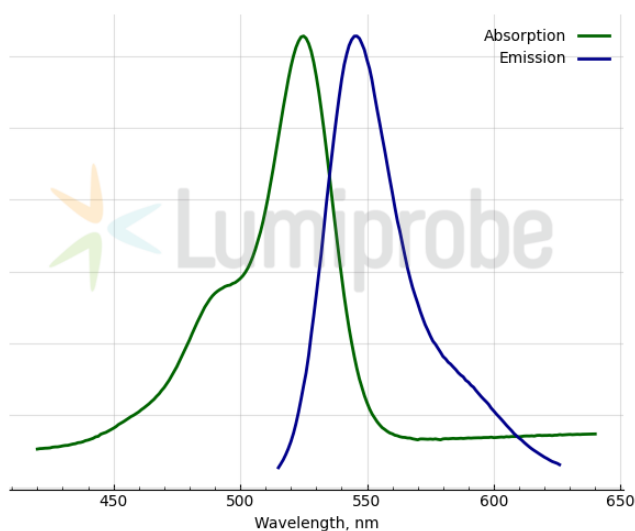
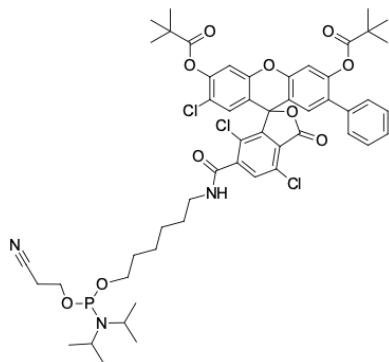
VIC is an asymmetrical xanthene dye (two flanking rings are not the same). This dye is used for the design of qPCR probes. The spectral properties of VIC are similar to HEX and JOE.

This phosphoramidite reagent allows to introduce the label onto 5'-terminus of the oligonucleotide.

Recommendations for using the reagent:

Coupling: 10 minutes.

Deprotection: standard conditions with ammonium hydroxide; AMA (solution of 30% ammonium hydroxide/40% aqueous methylamine 1:1 v/v) (15 minutes at 65°C) can be used with minor side product forming.



外观:

分子量: 1023.39

CAS 编号: 1414265-81-8

分子式: $C_{52}H_{59}Cl_3N_3O_{10}P$

质量控制:

储存条件:

激发/吸收极大值, 纳米: 525

ϵ , 摩尔吸光系数, cm^{-1} : 103000

发射极大值, 纳米: 546

荧光量子产率: 0.53

CF_{260} : 0.07

CF_{280} : 0.07

稀释剂:

偶联条件:

解保护条件: