

DusQ 21 CPG 500

<http://cn.lumiprobe.com/p/dusq21-cpg-500>

DusQ 21 is a quencher for the dyes in far red region of the spectrum. The dye is a xanthene derivative, unlike DusQ 1 or DusQ 2, that are azo dyes. It has a high extinction coefficient, and provides an outstanding quenching efficiency.

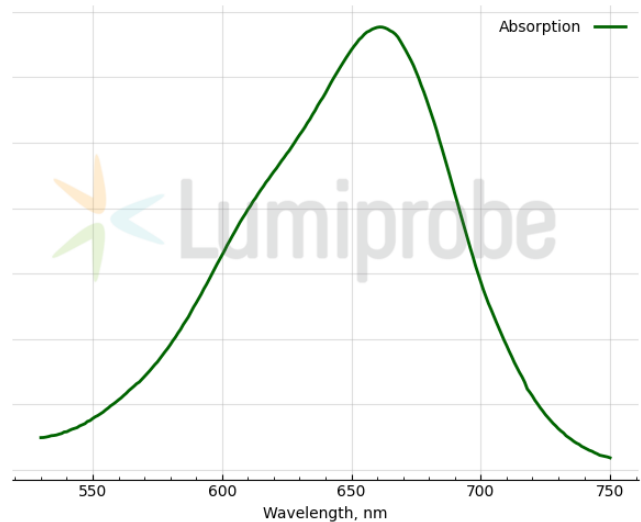
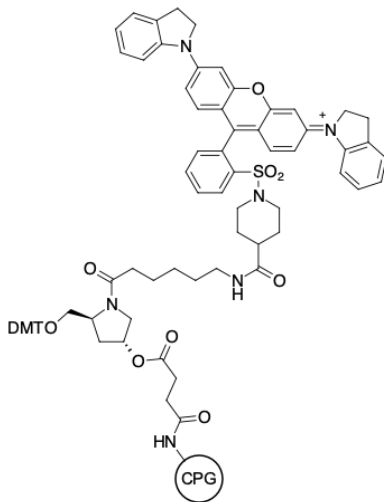
The controlled pore glass solid support allows to synthesize oligonucleotides carrying the dye moiety on 3'-terminus.

We recommend the use of ultramild, phenoxyacetyl protected monomers. As an alternative, post-synthetic labeling using NHS ester of DusQ 21 quencher can be used.

Usage

Coupling: Standard conditions identical to normal nucleobases.

Deprotection: 2 hours at room temperature using concentrated ammonia or potassium carbonate K_2CO_3 (50 mM solution in methanol).



外观:

质量控制:

储存条件:

法律声明:

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，以及商业用途。

激发/吸收峰:

收极大

值, 纳

米:

ϵ , 摩尔

吸光系

数, $M^{-1}cm^{-1}$:

孔径大

小, 埃:

典型载

荷 $\mu mol/g$: