

DusQ® 21 CPG 500

<http://cn.lumiprobe.com/p/qsy-21-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.

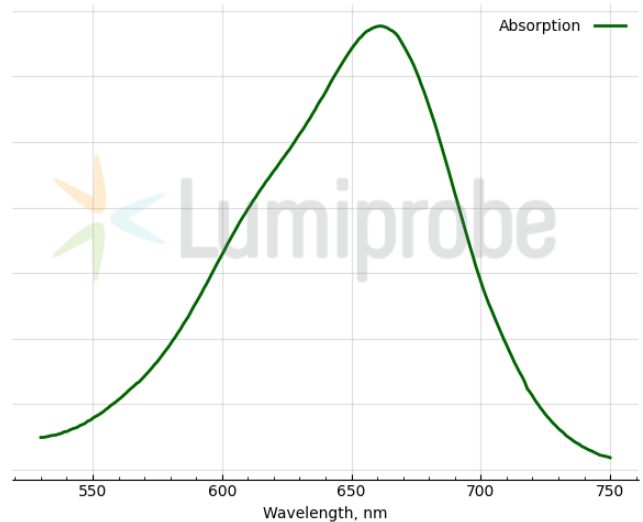
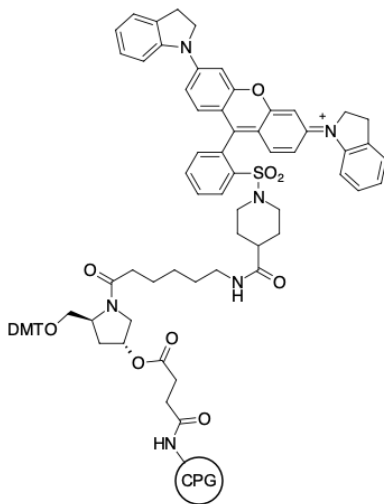
The controlled pore glass solid support allows to synthesize oligonucleotides carrying the dye moiety on 3'-terminus.

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: use of ultramild monomers. 2 hours at room temperature using potassium carbonate K_2CO_3 (50 mM solution in methanol). DO NOT use AMA mixture!



外观:

质量控制:

制:

储存条件:

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 656

收极大

值, 纳

米:

ϵ , 摩尔 72800

吸光系

数, cm^2 :

孔径大 500

小, 埃:

典型载 50-80

荷 μm^2