

TAMRA CPG 500, 5-isomer

<http://cn.lumiprobe.com/p/tamra-cpg-5>

Controlled pore glass solid support with TAMRA for the synthesis of 3'-labeled oligonucleotides.

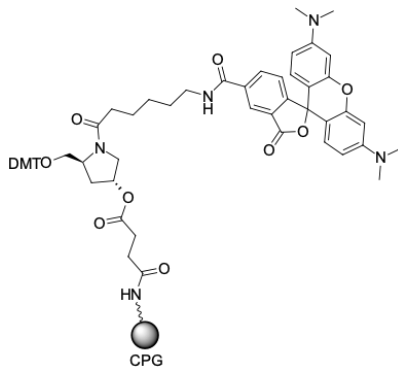
TAMRA CPG supports allow for the introduction of a reporter/quencher to be used in probe-based assays, like TaqMan probes for real-time PCR quantification and FRET experiments, which require that oligonucleotides be doubly labeled.

The proposed solid support 500 Å provides an optimal yield of oligonucleotides up to 50 mer. The TAMRA dye is not stable in the presence of ammonium, so it is strongly recommended to follow specified conditions for labeled oligonucleotide deprotection.

Usage

Coupling: standard time depending on the first monomer.

Deprotection: tert-butylamine : methanol : water 1 : 1 : 3 (v/v/v) («TAMRA cocktail») for 6 h at 60 °C, then cool down to room temperature.



外观:

质量控制:

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 541

收极大

值, 纳

米:

ϵ , 摩尔 84000

吸光系

数, cm^2 :

发射极 567

大值,

纳米:

荧光量 0.1

子产率:

CF_{260} : 0.32

CF_{280} : 0.19

孔径大 500

小, 埃:

典型载 50-70

荷 μm^2