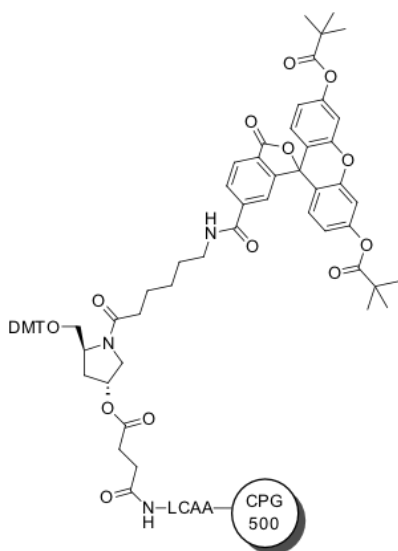


FAM CPG 500, 6-isomer

<http://www.lumiprobe.com/p/fam-cpg-6>

Controlled pore glass solid supports are used for the synthesis of 3'-labeled oligonucleotides. This solid support is intended for the synthesis of oligonucleotides bearing fluorescein (FAM) fluorescent dye on the 3'-terminus of oligonucleotide. It contains pure 6-isomer of fluorescein. The structure of the reagent is based on a chiral, enantiomerically pure scaffold of hydroxyprolinol.

The solid support ensures optimal yield of oligonucleotides up to 60mer. For longer oligos, CPG 1000 should be used. The reagent is compatible with standard ammonia cleavage and deblocking conditions.



Structure of FAM CPG modifier 500, 6-isomer

General properties

Appearance: off white beads

Oligo synthesis details

Pore size, Å: 500

Typical loading, µmol/g: 65±15

Coupling conditions: standard coupling, identical to normal nucleobases

Cleavage conditions: ammonia, 2 h at room temperature

Deprotection conditions: identical to protected nucleobases