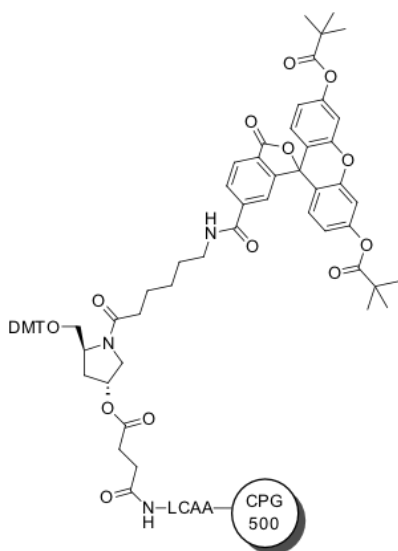


FAM CPG 500, 6-isomer

<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
Quality control:	NMR ^1H and loading measurement, functional testing in oligo synthesis.
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

Oligo synthesis details

Pore size, Å:	500
Typical loading, $\mu\text{mol/g}$:	65 ± 15
Coupling conditions:	standard coupling, identical to normal nucleobases
Cleavage conditions:	ammonia, 2 h at room temperature
Deprotection conditions:	identical to protected nucleobases