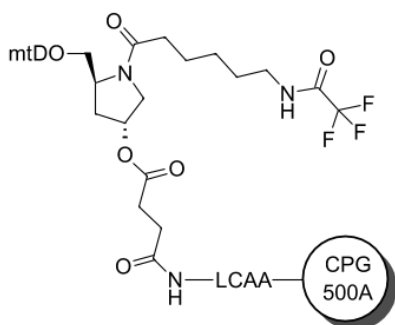


TFA-amino modifier CPG 500

<http://www.lumiprobe.com/p/tfa-amino-modifier-cpg-500>

This high load, 500 Å controlled pore glass solid support is designed for the synthesis of oligonucleotides containing up to 50 bases with a 3'-amino group. Amino group is protected with trifluoroacetyl (TFA) protection which is easily removed under standard deblock conditions.

The reagent is based on hydroxyprolinol core - a universal non-nucleoside structure that is naturally 100% chiral (no isomers formed upon condensation), and stable to all conditions of oligonucleotide synthesis and deblock.



TFA-Amino modifier CPG 500

General properties

Appearance:	off-white beads
Quality control:	NMR ¹ H and HPLC-MS (95%) of bound reagent, loading measurement
Storage conditions:	Storage: 24 months after receipt at -20°C. Transportation: at room temperature for up to 3 weeks. 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, μmol/g:	50–80
Coupling conditions:	standard coupling, identical to normal nucleobases
Cleavage conditions:	ammonia, 2 h at room temperature
Deprotection conditions:	identical to protected nucleobases