

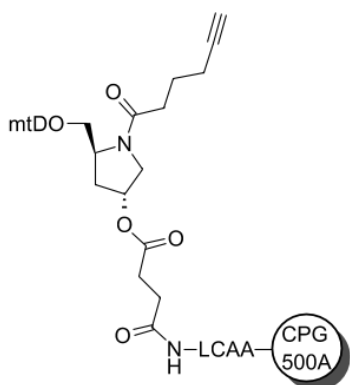
## Alkyne CPG modifier 500

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

High loading controlled pore glass solid support for the synthesis of oligonucleotides with 3'-alkyne group. With this solid support, synthesis of oligos of up to 50 bases is possible.

Terminal alkyne group can be modified by copper catalyzed Click chemistry (see our [recommended protocol](#) for oligonucleotide modification).

This solid support is compatible with standard oligonucleotide deblocking conditions. No special deblocking is required.



### Alkyne CPG modifier controlled pore glass structure

#### General properties

Appearance:	off-white beads
Quality control:	NMR $^1\text{H}$ and HPLC (95%) of bound reagent, loading measurement
Storage conditions:	Storage: 24 months after receipt at $-20^\circ\text{C}$ . Transportation: at room temperature for up to 3 weeks. Desiccate.

#### Oligo synthesis details

Pore size, Å:	500
Typical loading, $\mu\text{mol/g}$ :	70–90
Coupling conditions:	standard coupling, identical to normal nucleobases
Cleavage conditions:	ammonia, 2 h at room temperature
Deprotection conditions:	identical to protected nucleobases