

Universal CPG type II, 500A

<http://hk.lumiprobe.com/p/universal-cpg-type-2-nylinker-500>

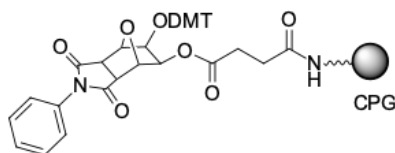
The Universal CPG type II, 500A is used for oligonucleotides synthesis to increase rate of dephosphorylation of the 3' end oligonucleotide during deblocking due to a rigid bicyclic molecule on the support.

The Universal CPG type II, 500A is suitable for use in harsh conditions and makes cleavage and deprotection with anhydrous ammonia gas-phase, ammonium hydroxide/methylamine (AMA) mixture or other basic reagents faster compared to universal Controlled Pore Glass (CPG) supports. Pore size of 500 Å is recommended for the synthesis of oligonucleotides up to 120 bases. For oligos up to 120 bases [universal support 1000 Å](#) can be used.

Usage

Coupling: Standard conditions for universal CPG.

Deprotection: 2 hours at 80°C or 8 hours at 55°C using concentrated ammonia; 15 minutes at 65°C using AMA mixture, ammonium hydroxide - 40% methylamine (1:1).



外观:

质量控制:

储存条件:

孔径大小, 埃: 500

典型载荷, $\mu\text{mol/g}$: 50–80

偶联条件:

切割条件:

解保护条件: