

Universal CPG type I, 500A

<http://cn.lumiprobe.com/p/universal-cpg-type-1>

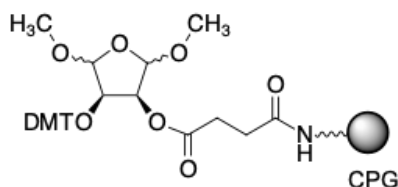
The Universal CPG type I, 500A is one of universal supports used to immobilize nucleosides for high-throughput synthesizing oligonucleotides.

The cleavage from the support is followed by deprotection using anhydrous methylamine gas, ammonium hydroxide/methylamine mixture and other basic reagents. Universal support CPG type I is suitable for relatively aggressive environment treatment. Pore size of 500 Å is recommended for the synthesis of oligonucleotides up to 50 bases.

Usage

Coupling: Standard conditions for universal CPG.

Deprotection: 3 hours at 80 °C using AMA mixture, ammonium hydroxide / 40% methylamine (1:1) for a 50 nmol scale synthesis. The bigger scale of synthesis requires more than 4 hours to complete.



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: