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Biotin (hydroxyprolinol) CPG 1000

http://www.lumiprobe.com/p/biotin-pro-cpg-1000

CPG derivatized with biotin moiety can be used to introduce biotin onto 3'-position in solid phase synthesis.

This modifier reagent Biotin (hydroxyprolinol) CPG 1000 is one of Pro-series products of based on hydroxyprolinol backbone. Pore size of 1000 Å is recommended for the synthesis of oligonucleotides up to 120 bases.

Contains DMT-protection group for purification options.

Structure of Biotin (hydroxyprolinol) CPG 1000

General properties

Appearance: off white beads

Quality control: loading measurement, functional testing in oligo synthesis

Storage conditions: 24 months after receival at -20°C in the dark. Transportation: at room temperature for up to 3

weeks. Desiccate.

Oligo synthesis details

Pore size, Å: 1000 Typical loading, umol/g: 30-50

Coupling conditions: standard conditions identical to normal nucleobases

Deprotection conditions: identical to protected nucleobases