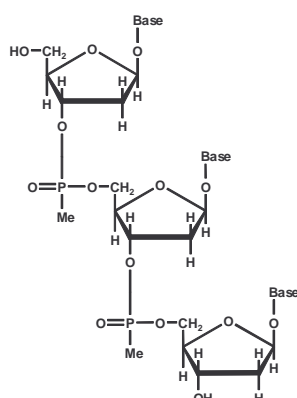


Methyl-Phosphonate Oligonucleotides

Description

Oligonucleotides with methyl group at the internucleotidic linkage



These molecules carry a methyl group at their internucleotidic linkage. Methyl-phosphonates are extremely stable and do no longer behave like normal nucleic acids. Methyl-phosphonate linkages can be used to protect the 3'- and/or 5'-ends of DNA in **antisense** experiments. Due to their low solubility and product yield, a maximum of 3 Methyl-Phosphonate linkages on either end of your DNA should not be exceeded.

Advantages

- leads to extreme high stability

Disadvantages

- low solubility in aqueous solutions
- low product yield

Applications

- antisense experiments

Product offering

Methyl-Phosphonate Oligonucleotides are available at the scales 0,2 μmol and 1,0 μmol .

Easily order via the web:

www.thermo.com/oligos

or via email:

sales.oligos@thermo.com

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