

# Thermo Scientific RNA CPG Synthesis Supports



For high quality oligonucleotide synthesis from bench to commercial scale

Thermo Fisher Scientific offers RNA Controlled Pore Glass (CPG) Synthesis Supports for use in the automated synthesis of RNA oligonucleotides.

## • CPG Support

The CPG support will not swell or shrink and is inert to the reagents used during synthesis.

Supports are offered with a 500Å pore size ideal for the synthesis of RNA oligonucleotides up to 50 bases in length.

## • Base Protection

Base protection is accomplished using isopropyl phenoxyacetyl (iPrPAC), phenoxyacetyl (PAC) or isobutryl (iBu) groups easily removed following mild or fast deprotection procedures. Mild conditions are recommended for incorporation of dyes or other chemical modifications that are unstable to strong alkaline conditions.

## • Custom Services

Other CPG supports can be custom manufactured for customer specific applications or specifications.

## • Consistent Quality

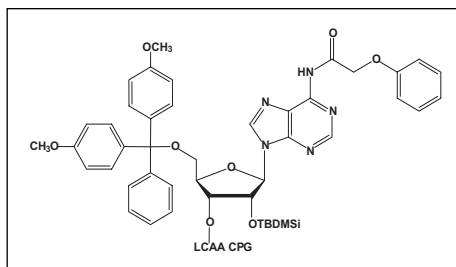
Manufactured in an ISO9001 registered facility

Thoroughly documented processes provide consistent product quality with minimal batch to batch variability.

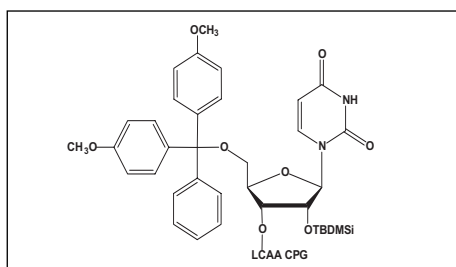
## • Over 20 Years Experience

Manufacturing high quality phosphoramidites and oligonucleotide synthesis reagents for 20+ years

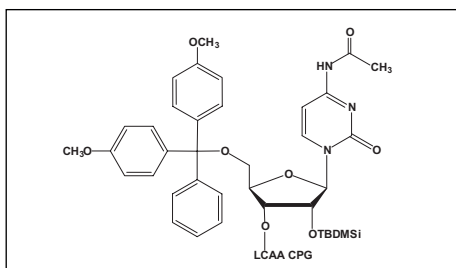
Thermo Fisher Scientific (Milwaukee) LLC is a licensed supplier of PAC protected phosphoramidites.



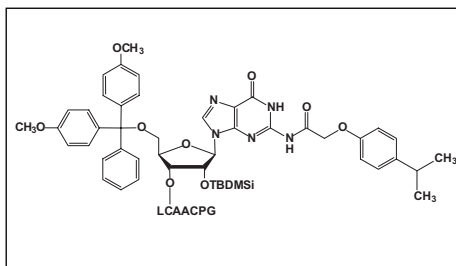
PAC rA CPG Synthesis Support  
SY6503



rU CPG Synthesis Support  
SY6504



Acetyl rC CPG Synthesis Support  
SY6505



iPrPAC rG CPG Synthesis Support  
SY6506

### Product Specifications

Pore Size	500 Å
Loading	40 ± 5 µmol/gram
Identity	Confirmation of base identity by UV analysis

### Ordering Information

Product Name	Product #
PAC rA CPG Synthesis Support, 500Å	SY6503
rU CPG Synthesis Support, 500Å	SY6504
Acetyl rC CPG Synthesis Support, 500Å	SY6505
iPrPAC rG CPG Synthesis Support, 500Å	SY6506

### Related Products

- Thermo Scientific 2'-OMe Phosphoramidites
- Thermo Scientific TheraPure® RNA Phosphoramidites
- Thermo Scientific TheraPure® DNA Phosphoramidites

For more information visit the web site at  
[www.thermo.com/milwaukee](http://www.thermo.com/milwaukee)

### Thermo Fisher Scientific (Milwaukee) LLC

We develop integrative partnerships with customers across the globe to provide premium molecular biology reagents and innovative services. These products are used in a variety of applications to advance the development of biotechnology research, diagnostic and therapeutic applications.

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