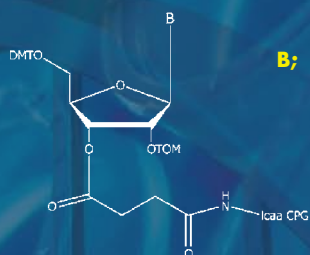
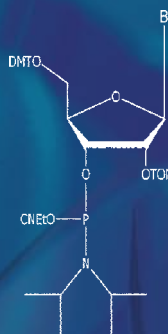


# REVERSE RNA PHOSPHoramidites & SUPPORTS

## IsomerFree™ RNA AMIDITES AND SUPPORTS: CONVENTIONAL (3' → 5' OLIGONUCLEOTIDE SYNTHESIS)



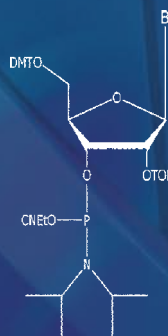
B;	Catalog #
Adenosine (n-bz)	ANP-5671
Cytidine (n-ba)	ANP-5672
Guanosine (n-ibu)	ANP-5673
Uridine	ANP-5674
Cytidine (n-acetyl)	ANP-6676



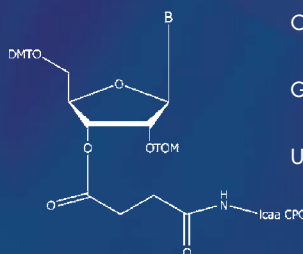
B;	Catalog #
Adenosine (n-bz)	N-6101
Cytidine (n-ba)	N-6102
Guanosine (n-ibu)	N-6103
Uridine	N-6104
Cytidine (n-acetyl)	N-6106

## RNA SYNTHESIS IN REVERSE DIRECTION (5' → 3' -END)

- Coupling efficiency per step is very high (~99%).  
**Results in very pure RNA.**
- Highly suitable for:  
Attachment of 3'-Cholesterol using cholesterol amidites.  
Attachment of 3'-PEGS using PEG amidites.
- Ideal for introducing lipophilic modifications & delivery reagents to the 3'-end of RNA oligonucleotides.
- A Number of applications are possible for easy attachment at the 3'-end of an oligonucleotide.
- Produced with an HPLC purity of greater than 98% and 31P NMR purity greater than 99%.
- Leads to smooth 3'-conjugation of macromolecules to Synthetic RNA.
- Reverse RNA synthesis results in complete absence of M + 1 species.



B	Protection	Catalog #
A	n-acetyl	ANP-3201
C	n-acetyl	ANP-3202
G	n-acetyl	ANP-3203
U	n/a	ANP-3205



B	Protection	Catalog #	Pore Size
A	n-acetyl	N-32001-05	500A
		N-32001-10	100AA
C	n-acetyl	N-32002-05	500A
		N-32002-10	1000A
G	n-acetyl	N-32003-05	500A
		N-32002-10	1000A
U	n/a	N-32005-05	500A
		N-32005-10	1000A