

New



CHEMISTRY



LIFE SCIENCE

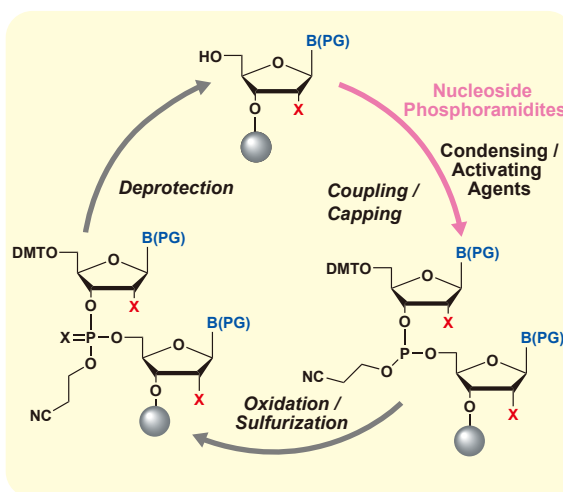


# Nucleoside Phosphoramidites for Oligonucleotide Synthesis

Nucleoside phosphoramidites are a standard chemical used in modern oligonucleotide synthesis. Today, many modified versions of oligonucleotides exist, each with varying properties optimized to improve their *in vivo* stability and affinity for their targets. In particular, nucleoside phosphoramidites with O-methyl, fluoro, and O-MOE groups at the 2'-position have often been used. For further information please refer to our website at [www.TCIchemicals.com](http://www.TCIchemicals.com). TCI provides a lineup of nucleoside phosphoramidites for use in synthesis of natural and modified oligonucleotides.

DMTO		B(PG) =				
X =	H	<b>D5707</b>	<b>D5708</b>	<b>D5701</b> (R <sup>1</sup> = Bz)	<b>D5702</b> (R <sup>2</sup> = Me)	<b>D5979</b>
	OMe	<b>D5709</b>	<b>D5710</b>	<b>D5942</b> (R <sup>1</sup> = Bz) <b>D5703</b> (R <sup>1</sup> = Ac)	<b>D5704</b> (R <sup>2</sup> = H)	
	F	<b>D5940</b>	<b>D5939</b>	<b>D5943</b> (R <sup>1</sup> = Bz)	<b>D5941</b> (R <sup>2</sup> = H)	
	OMOE (-O(CH <sub>2</sub> ) <sub>2</sub> OCH <sub>3</sub> )	<b>M3372</b>	<b>M3371</b>	<b>M3374</b> (R <sup>1</sup> = Bz)	<b>M3373</b> (R <sup>2</sup> = H) <b>D5985</b> (R <sup>2</sup> = Me)	<b>D5984</b>

DMT-dA(Bz) Phosphoramidite	1g [D5707]
DMT-dG(Ib) Phosphoramidite	1g [D5708]
DMT-dC(bz) Phosphoramidite	1g [D5701]
DMT-dT Phosphoramidite	1g [D5702]
DMT-5-Me-dC(Bz) Phosphoramidite	1g [D5979]
DMT-2'-O-methyl-rA(Bz) Phosphoramidite	250mg [D5709]
DMT-2'-O-methyl-rG(Ib) Phosphoramidite	250mg [D5710]
DMT-2'-O-methyl-rC(Bz) Phosphoramidite	250mg [D5942]
DMT-2'-O-methyl-rC(Ac) Phosphoramidite	250mg [D5703]
DMT-2'-O-methyl-rU Phosphoramidite	250mg [D5704]
DMT-2'-Fluoro-dA(Bz) Phosphoramidite	250mg [D5940]
DMT-2'-Fluoro-dG(Ib) Phosphoramidite	250mg [D5939]
DMT-2'-Fluoro-dC(Bz) Phosphoramidite	250mg [D5943]
DMT-2'-Fluoro-dU Phosphoramidite	250mg [D5941]
DMT-2'-O-MOE-rA(Bz) Phosphoramidite	250mg [M3372]
DMT-2'-O-MOE-rG(Ib) Phosphoramidite	250mg [M3371]
DMT-2'-O-MOE-rC(Bz) Phosphoramidite	250mg [M3374]
DMT-2'-O-MOE-rU Phosphoramidite	250mg [M3373]
DMT-2'-O-MOE-5-Me-rC(Bz) Phosphoramidite	250mg [D5984]
DMT-2'-O-MOE-5-Me-rU Phosphoramidite	250mg [D5985]



We also offer condensing/activating agents, sulfur transfer reagents, and scale-up supply of compounds listed in our catalog and custom synthesis of various derivatives. Please feel free to contact us.

For further information please refer to our website at [www.TCIchemicals.com](http://www.TCIchemicals.com).

## Ordering and Customer Service

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