

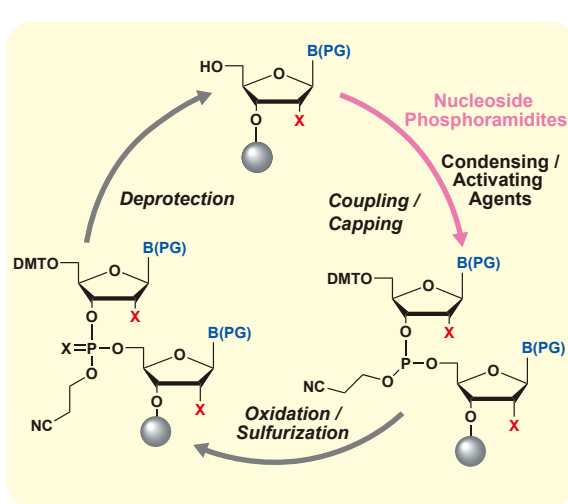
Nucleoside Phosphoramidites for Oligonucleotide Synthesis

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. TCI provides a lineup of nucleoside phosphoramidites for use in synthesis of natural and modified oligonucleotides.

	B(PG) =			
X = H	D5707	D5708	D5701 (R ¹ = Bz)	D5702 (R ² = Me)
X = OMe	D5709	D5710	D5942 (R ¹ = Bz) D5703 (R ¹ = Ac)	D5704 (R ² = H)
X = F	D5940	D5939	D5943 (R ¹ = Bz)	D5941 (R ² = H)
X = OMOE (-O(CH ₂) ₂ OCH ₃)	M3372	M3371	M3374 (R ¹ = Bz)	M3373 (R ² = H)

DMT-dA(Bz) Phosphoramidite
 DMT-dG(Ib) Phosphoramidite
 DMT-dC(bz) Phosphoramidite
 DMT-dT Phosphoramidite
 DMT-2'-*O*-methyl-rA(Bz) Phosphoramidite
 DMT-2'-*O*-methyl-rG(Ib) Phosphoramidite
 DMT-2'-*O*-methyl-rC(Bz) Phosphoramidite
 DMT-2'-*O*-methyl-rC(Ac) Phosphoramidite
 DMT-2'-*O*-methyl-rU Phosphoramidite
 DMT-2'-Fluoro-dA(Bz) Phosphoramidite
 DMT-2'-Fluoro-dG(Ib) Phosphoramidite
 DMT-2'-Fluoro-dC(Bz) Phosphoramidite
 DMT-2'-Fluoro-dU Phosphoramidite
 DMT-2'-*O*-MOE-rA(Bz) Phosphoramidite
 DMT-2'-*O*-MOE-rG(Ib) Phosphoramidite
 DMT-2'-*O*-MOE-rC(Bz) Phosphoramidite
 DMT-2'-*O*-MOE-rU Phosphoramidite

1g [D5707]
 1g [D5708]
 1g [D5701]
 1g [D5702]
 250mg [D5709]
 250mg [D5710]
 250mg [D5942]
 250mg [D5703]
 250mg [D5704]
 250mg [D5940]
 250mg [D5939]
 250mg [D5943]
 250mg [D5941]
 250mg [M3372]
 250mg [M3371]
 250mg [M3374]
 250mg [M3373]



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.

TCI nucleic acid chemistry



Ordering and Customer Service

TCI EUROPE N.V.

Tel : +32 (0)3 735 07 00
 Fax : +32 (0)3 735 07 01
 E-mail : Sales-EU@TCIchemicals.com

Tokyo Chemical Industry UK Ltd.

Tel : +44 (0)1865 78 45 60
 E-mail : Sales-UK@TCIchemicals.com

梯希爱(上海)化成工业发展有限公司

Tel : 800-988-0390 / 021-67121386
 Fax : 021-6712-1385
 E-mail : Sales-CN@TCIchemicals.com

TCI AMERICA

Tel : 800-423-8616 / 503-283-1681
 Fax : 888-520-1075 / 503-283-1987
 E-mail : Sales-US@TCIchemicals.com

TCI Deutschland GmbH

Tel : +49 (0)6196 64053-00
 Fax : +49 (0)6196 64053-01
 E-mail : Sales-DE@TCIchemicals.com

TCI Chemicals (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909
 E-mail : Sales-IN@TCIchemicals.com

TOKYO CHEMICAL INDUSTRY CO., LTD.

Tel : +81 (0)3-5640-8878
 E-mail : globalbusiness@TCIchemicals.com

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