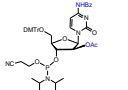
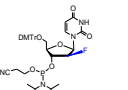
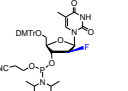

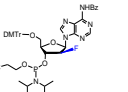
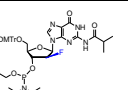
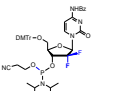
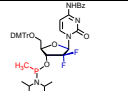


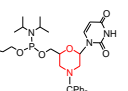
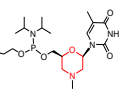
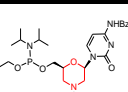
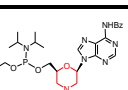
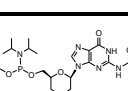
※「要問合せ」以外全て在庫品で御座います！！

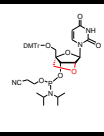
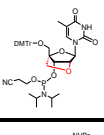
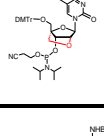
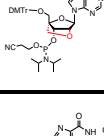
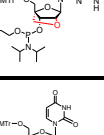
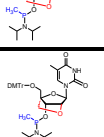
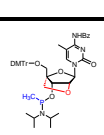
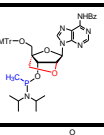
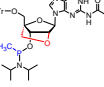
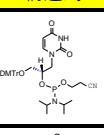
Phosphoramidites for Xeno Nucleic Acids (XNA)

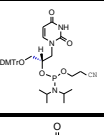
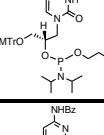
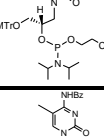
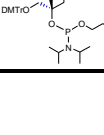
1. ANA – Arabino nucleoside phosphoramidites	構造式	容量	税別価格
GL103699		10g	¥2,597,400
CAS#675573-97-4		25g	¥4,394,000
2'-O-Acetyl-N ⁴ -benzoyl-5'-O-(4,4'-dimethoxytrityl)arabinoctidine 3'-O-phosphoramidite		-	-

2. FANA – 2'-Fluoro-arabino-nucleoside phosphoramidites	構造式	容量	税別価格
GL102175 ; CAS#1190089-70-3		1g	¥130,000
2'-Fluoro-2'-deoxy-ara-U-3'-phosphoramidite		5g	¥413,400
5'-O-(4,4'-Dimethoxytrityl)-2'-deoxy-2'-fluoro-β-D-arabinouridine-3'-CED-phosphoramidite		10g	¥725,400
		25g	¥1,401,400
GL103366 ; CAS#208193-48-0		5g	¥543,400
2'-Fluoro-2'-deoxy-ara-5MeU-3'-phosphoramidite		10g	¥933,400
5'-O-(4,4'-Dimethoxytrityl)-2'-deoxy-2'-fluoro-5-methyl-β-D-arabinouridine-3'-CED-phosphoramidite		25g	¥1,739,400
GL102178 ; CAS#1404463-12-2		1g	¥153,400
2'-Fluoro-2'-deoxy-ara-C(Bz)-3'-phosphoramidite		5g	¥491,400
N ⁴ -Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxy-2'-fluoro-β-D-arabinoctidine-3'-CED-phosphoramidite		10g	¥829,400
		25g	¥1,583,400
GL102172 ; CAS#329187-86-2		1g	¥179,400
2'-Fluoro-2'-deoxy-ara-A(Bz)-3'-phosphoramidite		5g	¥595,400
N ⁶ -Bz-5'-O-DMTr-2'-fluoro-2'-deoxyarabinoadenosine-3'-CED-phosphoramidite		10g	¥1,037,400
		25g	¥1,973,400
GL103369 ; CAS#1404463-20-2		5g	¥725,400
2'-Fluoro-2'-deoxy-ara-G(iBu)-3'-phosphoramidite		10g	¥1,193,400
N ² -iso-Butyryl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxy-fluoro-2'-arabinoanosine-3'-CED-phosphoramidite		25g	¥2,285,400

3. F2ANA – Gemcitabine phosphoramidite	構造式	容量	税別価格
GL102912 ; CAS#142808-44-4; DMTr-2',2'-difluoro-dC(Bz)-3'-CED-phosphoramidite; N ⁴ -Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2',2'-difluoro-2'-deoxycytidine 3'-O-[(2-cyanoethyl)(N,N-diisopropyl)]phosphoramidite		1g	¥153,400
		5g	¥481,000
		10g	¥803,400
		25g	¥1,531,400
GL103610 ; DMTr-2',2'-difluoro-dC(Bz)-methyl phosphoramidite; N ⁴ -Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2',2'-difluoro-2'-deoxy cytidine 3'-O-(P-methyl-N,N-diisopropylamino) phosphoramidite		5g	¥1,635,400
		10g	¥2,834,000
		25g	¥5,434,000

4. Reverse MNA – Reverse morpholino-nucleoside phosphoramidites	構造式	容量	税別価格
GL103580		1g	¥205,400
CAS# NA		5g	¥647,400
N-Trityl-morpholino-U-5'-O-phosphoramidite		10g	¥1,115,400
		25g	¥2,129,400
GL103581		1g	¥205,400
CAS# NA		5g	¥647,400
N-Trityl-morpholino-T-5'-O-phosphoramidite		10g	¥1,115,400
		25g	¥2,129,400
GL103582		1g	¥228,800
CAS# NA		5g	¥725,400
N-Trityl-N4-benzoyl-morpholino-C-5'-O-phosphoramidite		10g	¥1,245,400
		25g	¥2,363,400
GL103585		1g	¥257,400
CAS# NA		5g	¥751,400
N-Trityl-N6-benzoyl-morpholino-A-5'-O-phosphoramidite		10g	¥1,271,400
		25g	¥2,389,400
GL103586		1g	¥257,400
CAS# NA		5g	¥829,400
N-Trityl-N2-isobutyryl-morpholino-G-5'-O-phosphoramidite		10g	¥1,427,400
		25g	¥2,730,000

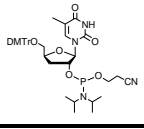
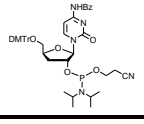
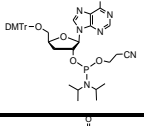
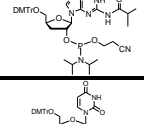
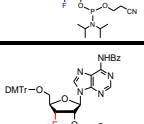
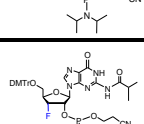
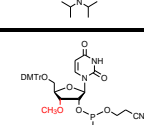
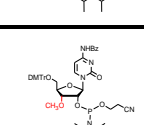
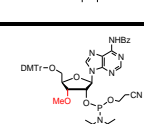
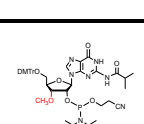
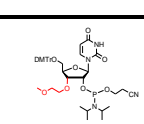
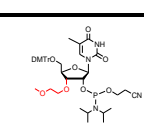
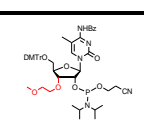
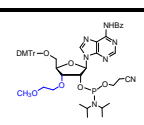

5, LNA – Locked nucleoside phosphoramidites	構造式	容量	税別価格
GL102680 ; CAS#206055-76-7 DMTr-LNA-U-3'-CED-phosphoramidite 5'-O-(4,4'-Dimethoxytrityl)-2'-O,4'-C-methyleneuridine 3'-O-[(2-cyanoethyl)(N,N-diisopropyl)]phosphoramidite		1g	¥335,400
		5g	¥1,011,400
		10g	¥1,687,400
		25g	¥3,094,000
GL102681 , CAS#206055-75-6 DMTr-LNA-5MeU-3'-CED-phosphoramidite ; 5'-O-(4,4'-Dimethoxytrityl)-2'-O,4'-C-methylene-5-methyluridine 3'-O-[(2-cyanoethyl)(N,N-diisopropyl)]-phosphoramidite		1g	¥387,400
		5g	¥1,193,400
		10g	¥1,999,400
		25g	¥3,614,000
GL102686 , CAS#206055-82-5; DMTr-LNA-5MeC(Bz)-3'-CED-phosphoramidite ; <i>N</i> ⁴ -Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-O,4'-C-methylene-5-methyl cytidine 3'-O-[(2-cyanoethyl)(N,N-diisopropyl)]-phosphoramidite		1g	¥569,400
		5g	¥1,765,400
		10g	¥2,834,000
		25g	¥5,174,000
GL102896 , CAS#206055-79-0 DMTr-LNA-A(Bz)-3'-CED-phosphoramidite ; 5'-O-(4,4'-Dimethoxytrityl)- <i>N</i> ⁶ -benzoyl-2'-O,4'-C-methyleneadenosine 3'-O-[(2-cyanoethyl)(N,N-diisopropyl)]phosphoramidite		1g	¥725,400
		5g	¥2,285,400
		10g	¥3,874,000
		25g	¥7,254,000
GL102986 , CAS#206055-77-8; DMTr-LNA-G(iBu)-3'-CED-phosphoramidite ; 5'-O-(4,4'-Dimethoxytrityl)- <i>N</i> ² -isobutyryl-2'-O,4'-C-methylene guanosine-3'-O-[(2-cyanoethyl)-(N,N-diisopropyl)]phosphoramidite		1g	¥907,400
		5g	¥2,834,000
		10g	¥4,654,000
		25g	¥8,736,000
GL103598 ; CAS# NA; 5'-O-DMTr-LNA-U-methyl phosphoramidite; 5'-O-DMTr-2'-O,4'-C-methylene uridine-3'-O-(P-methyl-N,N-diisopropylamino) phosphoramidite		5g	¥1,817,400
		10g	¥3,094,000
		25g	¥5,954,000
GL103599 ; CAS#527699-22-5; 5'-O-DMTr-LNA-5MeU-methyl phosphoramidite 5'-O-DMTr-2'-O,4'-C-methylene-5-methyluridine -3'-O-(P-methyl-N,N-diisopropylamino) phosphoramidite		5g	¥2,285,400
		10g	¥3,874,000
		25g	¥7,514,000
GL103600 ; CAS# NA; 5'-O-DMTr-LNA-5MeC(Bz)-methyl phosphoramidite; <i>N</i> ⁴ -Benzoyl-5'-O-DMTr-5-methyl-2'-O,4'-C-methylene cytidine-3'-O-(P-methyl-N,N-diisopropylamino)phosphoramidite		5g	¥2,834,000
		10g	¥4,914,000
		25g	¥9,594,000
GL103601 ; CAS# NA; 5'-O-DMTr-LNA-A(Bz)-methyl phosphoramidite; <i>N</i> ⁶ -Benzoyl-5'-O-DMTr-2'-O,4'-C-methyleneadenosine-3'-O-(P-methyl-N,N-diisopropylamino)phosphoramidite		5g	¥3,614,000
		10g	¥6,214,000
		25g	¥12,194,000
GL103602 ; CAS# NA; 5'-O-DMTr-LNA-G(iBu)-methyl phosphoramidite; 5'-O-DMTr- <i>N</i> ² -iso-Butyryl-2'-O,4'-C-methyleneadenosine-3'-O-(P-methyl-N,N-diisopropylamino) phosphoramidite		5g	¥5,434,000
		10g	¥9,594,000
		25g	¥19,214,000

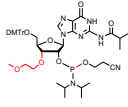
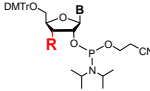
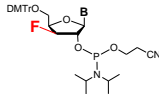
6, GNA – Glycol nucleoside phosphoramidites	構造式	容量	税別価格
(S)-GNA-U 494784-15-5		10g	¥1,427,400
		25g	¥2,597,400
GL103391 CAS#168332-13-6 (S)-GNA-T-phosphoramidite		1g	¥309,400
		5g	¥933,400
		10g	¥1,427,400
		25g	¥2,597,400
GL103393 CAS#885322-06-5 (S)-GNA-C(Bz)-phosphoramidite		1g	¥335,400
		5g	¥985,400
		10g	¥1,479,400
		25g	¥2,756,000
(S)-GNA-5MeC(Bz); novel		10g	¥1,687,400
		25g	¥3,094,000

(S)-GNA-A(Bz)		10g	¥1,817,400
851050-24-3		25g	¥3,354,000
GL103499 ; CAS#182625-68-9		1g	¥569,400
(S)-GNA-G(iBu)phosphoramidite, 2'-O-(2-Cyanoethoxy)		5g	¥1,817,400
(diisopropylamino)phosphino-3'-O-(4,4'-dimethoxytriphenyl)methyl-N ² -isobutyryl-(S)-9-(2,3-dihydroxypropyl)guanine		10g	¥3,016,000
		25g	¥5,694,000
(R)-GNA-U		10g	¥1,687,400
		25g	¥3,094,000
(R)-GNA-T		10g	¥1,687,400
851050-23-2		25g	¥3,094,000
GL103396		1g	¥361,400
CAS#2023779-58-8		5g	¥1,037,400
(R)-GNA-C(Bz)-phosphoramidite		10g	¥1,687,400
		25g	¥3,094,000
(R)-GNA-5MeC(Bz)		10g	¥1,791,400
		25g	¥3,354,000
(R)-GNA-A(Bz)		10g	¥1,973,400
182625-87-2		25g	¥3,614,000
(R)-GNA-G(iBu) amidite		10g	¥3,354,000
182625-78-4		25g	¥6,214,000

7. FNA – Flexible nucleoside phosphoramidites	構造式	容量	税別価格
GL103769 ; CAS#326802-62-4		5g	¥2,597,400
DMTr-FNA-C(Bz) phosphoramidite		10g	¥4,134,000
N ⁴ -Benzoyl-1-[2-O-(4,4'-dimethoxytrityl oxy)-1-(hydroxy methyl)ethoxy]methyl]cytosine CED phosphoramidite		25g	¥7,774,000
Other FNA –			
Flexible nucleoside phosphoramidites can be made.	B=U,T,5M3C,AandG	要問合せ	要問合せ

8. hDNA /homoDNA – Erythro-hexo-pyranose nucleoside phosphoramidites	構造式	容量	税別価格
GL103800		5g	¥2,597,400
Beta-D-homoDNA-CBz-phosphoramidite		10g	¥4,134,000
N ⁴ -Benzoyl-1-[6-O-DMTr-2,3-dideoxy-4-(O-CED-phosphoramididyl)-beta-D-erythro-hexopyranosyl]cytosine		25g	¥7,774,000
Other hDNA /homoDNA –			
erythrohexopyranose nucleoside phosphoramidites can be made.	B=U,T,5M3C,AandG	要問合せ	要問合せ

9. 3'-Modified 2'-phosphoramidites	構造式	容量	税別価格
GL103356, CAS#142103-12-6		5g	¥985,400
5-Me-3'-dU-2'-phosphoramidite		10g	¥1,661,400
5'-O-(4,4-Dimethoxytrityl)-3'-deoxy-5-methyluridine-2'-CED-phosphoramidite		25g	¥3,094,000
GL103360; CAS#157327-96-3		5g	¥2,493,400
3'-dC(Bz)-2'-phosphoramidite		10g	¥4,134,000
N ⁴ -Benzoyl-5'-O-(4,4-dimethoxytrityl)-3'-Deoxycytidine-2'-CED-phosphoramidite		25g	¥7,774,000
GL102008, CAS#207347-42-0		1g	¥413,400
3'-Deoxy-A(Bz)-2'-phosphoramidite		5g	¥1,115,400
N ⁶ -Bz-5'-O-DMTr-3'-deoxyadenosine-2'-O-CED-phosphoramidite		10g	¥1,895,400
		25g	¥3,614,000
GL103363, CAS#157327-99-6		5g	¥2,519,400
2'-dG(iBu)-2'-phosphoramidite		10g	¥4,394,000
N ² -iso-Butyryl-3'-deoxy-5'-O-(4,4-dimethoxytrityl)guanosine 2'-CED phosphoramidite		25g	¥8,554,000
GL103380, CAS#129015-63-0		5g	¥1,661,400
3'-F-3'-dU-2'-phosphoramidite		10g	¥2,730,000
3'-Deoxy-5'-O-(4,4'-dimethoxytrityl)-3'-fluorouridine-2'-CED-phosphoramidite		25g	¥5,174,000
GL102590, CAS#2127174-09-6		1g	¥569,400
3'-F-3'-dA(Bz)-2'-phosphoramidite		5g	¥1,739,400
N ⁶ -Benzoyl-5'-O-(4,4'-dimethoxytrityl)-3'-deoxy-3'-fluoroadenosine-2'-CED-phosphoramidite		10g	¥2,834,000
		25g	¥5,330,000
GL103230, CAS#2080404-21-1		5g	¥2,808,000
3'-F-3'-dG(iBu)-2'-phosphoramidite ; N ² -iso-Butyryl-3'-deoxy-5'-O-(4,4'-dimethoxytrityl)-3'-fluoroguanosine 2'-O-[(2-cyanoethyl)(N,N-diisopropyl)]phosphoramidite		10g	¥4,602,000
		25g	¥8,814,000
GL103262		1g	¥387,400
CAS#179479-05-1		5g	¥1,193,400
3'-O-Me-U-2'-phosphoramidite		10g	¥1,999,400
5'-O-DMTr-3'-O-methyl uridine-3'-CED-phosphoramidite		25g	¥3,614,000
GL103266, CAS#179479-03-9		1g	¥517,400
3'-O-Me-C(Bz)-2'-phosphoramidite		5g	¥1,583,400
N ⁴ -Bz-5'-O-DMTr-3'-O-methylcytidine-2'-CED-phosphoramidite		10g	¥2,597,400
		25g	¥4,654,000
GL102011, CAS#179479-02-8		1g	¥595,400
3'-O-Me-A(Bz)-2'-phosphoramidite		5g	¥1,817,400
N ⁶ -Bz-5'-O-DMTr-3'-O-methyladenosine-2'-O-CED-phosphoramidite		10g	¥2,834,000
		25g	¥5,434,000
GL103269, CAS#179479-04-0		1g	¥647,400
3'-O-Me-G(iBu)-2'-phosphoramidite		5g	¥2,051,400
5'-O-DMTr-N ² -iso-butyryl-3'-O-methyl guanosine-2'-CED-phosphoramidite		10g	¥3,354,000
		25g	¥6,474,000
GL103281, CAS#1452849-90-9		1g	¥907,400
3'-O-MOE-U-2'-phosphoramidite		5g	¥2,834,000
5'-O-DMTr-3'-O-(2-methoxyethyl)uridine-2'-CED-phosphoramidite		10g	¥4,654,000
		25g	¥9,334,000
GL103282, CAS#256223-93-5		1g	¥907,400
3'-O-MOE-5MeU-2'-phosphoramidite		5g	¥2,834,000
5'-O-DMTr-3'-O-(2-methoxyethyl)-5-methyl uridine-2'-CED-phosphoramidite		10g	¥4,654,000
		25g	¥9,334,000
GL103283, CAS#1098233-10-3		1g	¥1,089,400
3'-O-MOE-5Me-C(Bz)-2'-phosphoramidite		5g	¥3,354,000
N ⁴ -Bz-5'-O-DMTr-3'-O-(2-methoxyethyl)-5-methyl cytidine-2'-CED-phosphoramidite		10g	¥5,694,000
		25g	¥11,414,000
GL102659, CAS#256224-01-8		1g	¥751,400
3'-O-MOE-A(Bz)-2'-CED-phosphoramidite ; N ⁶ -Benzoyl-5'-O-(4,4'-dimethoxytrityl)-3'-O-(2-methoxyethyl)adenosine 2'-O-[(2-cyanoethyl)(N,N-diisopropyl)]phosphoramidite		5g	¥2,467,400
		10g	¥4,134,000
		25g	¥8,294,000

GL103288, CAS#256224-06-3 3'-O-MOE-G(iBu)-2'-phosphoramidite 5'-O-DMTr- <i>N</i> ² -iso-butyryl-3'-O-(2-methoxyethyl)guanosine-2'-CED-phosphoramidite		1g	¥1,297,400
		5g	¥4,134,000
		10g	¥7,254,000
		25g	¥14,534,000
Various other 3'-modified 2'-phosphoramidites (R = H, MeO, MeOCH ₂ CH ₂ O, 4-MeOC ₆ H ₄ CH ₂ , beta-F-3'-deoxy-, propargyl, and others) can be made.		要問合せ	要問合せ
F-xylo-NA – 3'-Fluoro-xylo nucleoside phosphoramidites		要問合せ	要問合せ

お問合せをお待ちしております!



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