



Attachment 1 to Price Inquiry NUSI/64/PR52951/2024 -----PRODUCT LIST

No.	SUBJECT OF THE PRICE INQUIRY	QUANTITY	UNIT	QUALITY REQUIREMENTS	REQUIRED DELIVERY DATE
	5'-CCA GCA UUA UGA AAG UGA-3' unmodified RNA	100	TVE SUBSTANCE NUSINER mg	Purity - NLT 95%	not later than 31.05.2024
2	unmountee kiva. 5, CTA CTT TCA TAA TGC TGG-3' A, T, G, C: 2'-0-methoxyethyl C: 5-Methyl-C All PS	20	mg	Purity - NLT 95%	not later than 31.05.2024
3	5'-GCA CTT TCA TAA TGC TGT-3' A, T, G, C: 2'-0-methoxyethyl C: 5-Methyl-C All PS	20	mg	Purity - NLT 95%	not later than 31.05.2024
4	S ¹ , Mo ₁ M ² C _A Mo ₂ M ² U M ² M ² CA _{Pop} M ² UAA M ² UG ^{MC} C M ² UGG-3' A, U, G, C: 2'-O-methoxyethyl All PS 7111.19 g/mol (free acid)	50	mg	Purity - NLT 90%	not later than 31.05.2024
5	5- ^{Mc} U ^{MC} CA ^{MC} C ^{MC} U ^{MC} U ^{MC} U ^{MC} CA ^{MC} UA ^{MC} UG ^{MC} C ^{MC} UGG-3' A, U, G, C: 2'-O-methoxyethyl All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
	G723.84 g/mol (free acid) 5.73, Mag (g/mol (free acid) 5. U, G, C: 2'-O-methoxyethyl All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
	7010.05 g/mol (free acid) 5-CM**U ^{Mc} CA***C ^{Mc} U ^{Mc} U ^{Mc} CA ^{Mc} UAA ^{Mc} UG ^{Mc} C ^{Mc} UGG-3' A, U, G, C: 2'-O-methoxyethyl All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
	7546.54 g/mol (free acid) 5'- ^{Mo} U ^{Mo} CA ^{Mo} C ^{Mo} U ^{Mo} U ^{Mo} CA ^{Mo} U _{ONET} AA ^{Mo} UG ^{Mo} C ^{Mo} UGG-3' A, U, G, C: 2'-O-methoxyethyl All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
9	7.180.19 g/mol (free acid) 5', ¹	50	mg	Purity - NLT 90%	not later than 31.05.2024
	7168.19 g/mol (free acid) 5'. \(^160_\)	50	mg	Purity - NLT 90%	not later than 31.05.2024
11	7196.19 g/mol (free acid) y-kml/mc/a-w-U _{GMe} AA ^{Mc} UG ^{Mc} C ^{AM} U _{GMe} AA ^{Mc} UG ^{Mc} C ^{Mc} UGG-3' A, U, G, C: 2'-O-methoxyethyl All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
	7083.19 g/mol (free acid) 5.5%ull ^{Mo} CA ^{Mo} CA ^{Mo} U ^{Mo} U ^{Mo} CA ^{Mo} U _{MAM} AA ^{Mo} UG ^{Mo} C ^{Mo} UGG-3' A, U, G, C: 2'-O-methoxyethyl All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
	7212.19 g/mol (free acid) 5: **Mol**Ca****C*****************************	50	mg	Purity - NLT 90%	not later than 31.05.2024
14	7:14.1.9 g/mol (free acid) 5*C-DMT-TCA CTT TCA TAA TGC TGG-3' A, U, G, C: 2'-O-methoxyethyl C: 5-methyl-C All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
15	7803.12 g/mol (free acid Mw = 7429.31 g/mol) Example: 5'-UOEtMeCAMeCMeUMeUMeUMeC AMeUAAMeUGMeCMeUGG-3' A, U, G, C:2'-O-methoxyethyl, OEt: 2'-O-Etheyl, All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
	Example: 5'-MeUMeCAMeCMeU=MeUMeUMeC AMeUAAMeUGMeCMeUGG-3' A, U, G, C:2'-O-methoxyethyl, =: Chloral addition, All PS	50	mg	Purity - NLT 90%	not later than 31.05.2024
17	(mixture of such as N·X) 5'-[]AMeCMeUMeUMeUMeC AMeUAAMeUGMeCMeUGG-3' A, U, G, C:2'-O-methoxyethyl, All PS	500	mg	Purity - NLT 90%	not later than 31.05.2024
18	(mixture of such as N+X, cross-linked species) 5'-MeUMeUMeUMeCAMeCMeUMeUMeU AMEUAAMeUGMeCMeUGG-3' A, U, G, C:2'-O-methoxyethyl, All PS	100	mg	Purity - NLT 90%	not later than 31.05.2024
19	Nusinersen sodium 5'-TCA CTT TCA TAA TGC TGG-3' A, T, G, C: 2'-O-methoxyethyl C: S-Methyl-C All PS	1 000	mg	Purity - NLT 95%	not later than 31.05.2024
		NDARDS FOR 5-Me-DMT-	-2'-O-MOE-C(Bz)-CE-Phosp	horamidite	
20	C _{ut} H ₁₆ C _p N ₂ P CAS:166593-57-3 N-benzoyl-5'-O-[bis[4-methoxyphenyl](phenyl)methyl]-3'-O-{(2-	10	mg	Purity - NLT 90%	not later than 31.05.2024
21	$\label{eq:cyanoethoxy} [di(propan-2-yl)amino]phosphanyl]-2-O-methylcytidine $$ C_{49}H_{52}O_{9}N_{2}P$$ $$ N-benzoyl-5'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-[(2-cyanoethoxy)[di(propan-2-yl)amino]phosphanyl]-2'-O-ethyl-5-methylcytidine $$ C_{49}H_{4$	10	mg	Purity - NLT 90%	not later than 31.05.2024

22	0.11.0.11.0				Г
	$C_{s1}H_{s2}O_{10}N_{s}P$ $N-benzoyl-5'-O-\{bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyancethoxy)[d(propan-2-yl)amino]phosphanyl]-2'-O-\{2-ethoxyethyl\}-5-methylcytidine C_{s1}H_{s2}O_{s}N_{s}P$	10	mg	Purity - NLT 90%	not later than 31.05.2024
23	Cs1 ^{rts2^{tog tts}r N-benzoyl-5'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-2'-O-butyl-3'-O-{(2-cyanoethoxy)[di(propan-2-yl)amino]phosphanyl}-5-methylcytidine}	10	mg	Purity - NLT 90%	not later than 31.05.2024
24	$\begin{split} &C_{23}H_{64}O_{11}N_5P\\ &N\text{-benzoyl-}S^*\text{-}O\text{-[bis(4-methoxyphenyl)(phenyl)methyl]-}3^*\text{-}O\text{-}(2-cyanoethoxy)[di[propan-2-yl]amino]phosphanyl]-}2^*\text{-}O\text{-}[2-(2-methoxy)ethyl]-S-methylcytidine} \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
25	$\begin{split} &C_{sa}H_{7x}O_{12}N_6P_2\\ &N\text{-benzoyl-5'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-[1-cyano-4-[di(propan-2-yl)amino]-11-methyl-10-(propan-2-yl)-3,5,8-trioxa-10-aza-4,9-diphosphadodecan-9-yl]-2'-O-(2-methoxyethyl)-5-methylcytidine \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
26	$C_{ss}H_{116}O_{2s}N_{s}P_{2}\\$ bis[2R,3R,4R,5R][5-(4-benzamido-5-methyl-2-oxopyrimidin-1(2H)-yl)-2-{[bis[4-methoxyphenyl](phenyl)methoxy]methyl}-4-(2-methoxyethoxy)oxolan-3-yl] ethane-1,2-diyl bis[N,N-di[propan-2-yl)(phosphoramidoite)]	10	mg	Purity - NLT 90%	not later than 31.05.2024
27	$\begin{split} &C_{18}H_{120}O_{21}N_{4}P_{2}\\ &\text{bis}\{2R,3R,4R,5R]\{5^{-}(4\text{-benzamido-5-methyl-2-oxopyrimidin-1}(2H)-yl)-2-\{[bis(4-methoxyphenyl)(phenyl)methoxy]methyl)-4-(2-methoxyethoxy)oxolan-3-yl]\\ &\text{oxydi(ethane-2,1-diyl) bis}[N,N-di(propan-2-yl)(phosphoramidoite)] \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
28	$ \begin{array}{ll} C_{18}H_{18}O_{16}N_{16}P_2 \\ (2R,3R,4R,5R)\cdot 5\cdot (4-benzamido\cdot 5-methyl\cdot 2-oxopyrimidin\cdot 1(2H)\cdot yl)\cdot 2-([[(2R,3R,4R,5R)\cdot 2\cdot (4-benzamido\cdot 5-methyl\cdot 2-oxopyrimidin\cdot 1(2H)\cdot yl)\cdot 5\cdot [[bis(4-methoxyphenyl)[phenyl)methoxylmethyl\cdot 3-4\cdot ([(2-cyanoethoxy)[di[propan\cdot 2-yl)aylmino]phosphanylloxyloxalan-3-ylloxylmethyl\cdot 4-(2-methoxyethoxyloxolan-3-yl 2-cyanoethyl N,N-di[propan-2-yl]phosphoramidoite $	10	mg	Purity - NLT 90%	not later than 31.05.2024
29	$\begin{split} &C_{18}H_{19}S_{17}N_8P\\ &(2R,3R,4R,5R).5-(4-benzamido-5-methyl-2-oxopyrimidin-1(2H)-yl).4-\\ &([(2R,3R,4R,5R).5-(4-benzamido-5-methyl-2-oxopyrimidin-1(2H)-yl).2-([bis(4-methoxyphenyl)[(phenyl)methoxy]methyl).4-(2-methoxyethoxy]oxolan-3-yl)oxy]-2-([bis(4-methoxyphenyl)[(phenyl)methoxy]methyl)oxolan-3-yl 2-cyanoethyl N.N-di(propan-2-yl)phosphoramidoite \\ &C_{18}H_{19}C_{13}N_7P \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
30	lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:	10	mg	Purity - NLT 90%	not later than 31.05.2024
31	$C_{ob}H_{oc}O_{10}N_5P$ N-benzoyl-3'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-5'-O-{(2-cyanoethoxy)[dl(propan-2-yl)amino]phosphanyl]-2'-O-{2-methoxyethyl}-5-methylcytidine $C_{ob}H_{ob}N_5O_{3D}P$	10	mg	Purity - NLT 90%	not later than 31.05.2024
32	CAS:16375-94-2 N-benzoyl-5'-O-{bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy)[di[propan-2-yl)amino]phosphanyl)-2'-O-{2-methoxyethyl)-5-methyly(ylidin	40	mg	Purity ³¹ PNMR- NLT 98.0%	not later than 31.05.2024
		TANDARDS FOR DMT-2'-0	D-MOE-G(iBu)-CE-Phospho	pramidite	
	$C_{45}H_{56}O_{9}N_{7}P$				
33	$CAS:150780-67-9\\ 5^{\circ}O\cdot[bis(4-methoxyphenyl)(phenyl)methyl]-3^{\circ}O\cdot\{(2-cyanoethoxy)(di(propan-2-yl)amino)phosphanyl)-2^{\circ}O-methyl-N\cdot\{2-methylpropanoyl)guanosine$	10	mg	Purity - NLT 90%	not later than 31.05.2024
33	CAS:150780-67-9 5'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy)[di(propan-2-	10	mg mg	Purity - NLT 90% Purity - NLT 90%	not later than 31.05.2024 not later than 31.05.2024
	$CAS:150780-67-9$ $5^{\circ}O-[bis(4-methoxyphenyl)](phenyl)methyl]-3^{\circ}O-\{(2-cyanoethoxy)[di[propan-2-yl]amino]phosphanyl]-2^{\circ}O-methyl-N-(2-methylpropanoy/l]guanosine $$C_{ub}H_{15}O_bN_pP$ $5^{\circ}O-[bis(4-methoxyphenyl)](phenyl)methyl]-3^{\circ}O-\{(2-cyanoethoxy)[di[propan-2-yl]amino]phosphanyl]-2^{\circ}O-ethyl-N-(2-methylpropanoy/l]guanosine $$C_{ub}H_{u2}O_{10}N_pP$ $5^{\circ}O-[bis(4-methoxyphenyl)[phenyl)methyl]-3^{\circ}O-\{(2-cyanoethoxy)[di[propan-2-yl]amino]phosphanyl]-2^{\circ}O-\{(2-ethoxyethyl)-N-(2-methylpropanoy)]guanosine $$$$				
34	$CAS:150780-67-9$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl]-2^{-0}-methyl-N^{-}(2-methylpropanoy/l)guanosine$$$ C_{kl}H_{ks}O_{kl}N_{;P}$$$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl]-2^{-0}-ethyl-N^{-}(2-methylpropanoyl)guanosine$$$ C_{kl}H_{ks}O_{kl}N_{;P}$$$$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl]-2^{-0}-(2-ethoxyethyl)-N^{-}(2-methylpropanoyl)guanosine$$$ $$ C_{kl}H_{ks}O_{kl}N_{;P}$$$$$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-2^{-0}-butyl-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl]-N^{-}(2-methylpropanoyl)guanosine$$$$ methylpropanoylyguanosine$$$$ methylpropanoylyguanosine$$$$ C_{kl}H_{ks}O_{kl}N_{;P}$$$$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-2^{-0}-butyl-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl)-N^{-}(2-methylpropanoyl)guanosine$$$$ C_{kl}H_{ks}O_{kl}N_{;P}$$$$$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-2^{-0}-butyl-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl-N^{-1}(2-methylpropanoyl)guanosine$$$$$$ $$ S^{-0}[bis(4-methoxyphenyl)(phenyl)methyl]-2^{-0}-butyl-3^{-0}-\{(2-cyanoethoxy)[di(propan-2-yl)amino)phosphanyl-N^{-1}(2-methylpropanoyl)guanosine$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$	10	mg	Purity - NLT 90%	not later than 31.05.2024
34	$CAS:150780-67-9$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-2'-O-methyl-N-(2-methylpropanov/)]guanosine $$ C_{kd}H_{ks}O_kN_pP$ $$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-2'-O-ethyl-N-(2-methylpropanov)]guanosine $$ C_{kd}H_{ks}O_kN_pP$ $$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-2'-O-(2-ethoxyethyl)-N-\{2-methylpropanov)]guanosine $$ C_{kd}H_{ks}O_kN_pP$ $$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-2'-O-butyl-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-N-\{2-methylpropanov)]guanosine $$ C_{kd}H_{ks}O_kN_pP$ $$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-2'-O-[2-(2-methoxyplethyl]-N-\{2-methoxyphenyl)[di(propan-2-v)laminolphosphanyl]-2'-O-[2-(2-methoxyplethyl]-N-\{2-methylpropanoyl)guanosine $$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-2'-O-[2-(2-methoxyethoxy)ethyl]-N-\{2-methylpropanoyl)guanosine $$ S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-v)laminolphosphanyl]-2'-O-[2-(2-methoxyethoxy)ethyl]-N-\{2-methylpropanoyl)guanosine $$ S'-O-[bis(4-methoxyphenyl)]-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1$	10	mg mg	Purity - NLT 90% Purity - NLT 90%	not later than 31.05.2024 not later than 31.05.2024
35	$CAS:150780-67-9\\ S^*O-[bis(4-methoxyphenyl)[phenyl]methyl]-3^*O-\{(2-cyanoethoxy)][di[propan-2-y]]amino]phosphanyl]-2^*O-methyl-N-\{2-methylpropanoyl)guanosine\\ C_{46}H_{32}O_3N_3P\\ S^*O-[bis(4-methoxyphenyl)[phenyl]methyl]-3^*O-\{(2-cyanoethoxy)][di[propan-2-y]]amino]phosphanyl]-2^*O-ethyl-N-\{2-methylpropanoyl)guanosine\\ C_{48}H_{42}O_3N_3P\\ S^*O-[bis(4-methoxyphenyl)[phenyl]methyl]-3^*O-\{(2-cyanoethoxy)][di[propan-2-y]]amino]phosphanyl]-2^*O-\{2-ethoxyethyl)-N-\{2-methylpropanoyl)guanosine\\ C_{48}H_{42}O_3N_3P\\ S^*O-[bis(4-methoxyphenyl)[phenyl)methyl]-2^*O-butyl-3^*O-\{(2-cyanoethoxy)][di[propan-2-y]]amino]phosphanyl]-N-\{2-methylpropanoyl)guanosine\\ C_{48}H_{46}O_3]N_3P\\ S^*O-[bis(4-methoxyphenyl)[phenyl)methyl]-3^*O-\{(2-cyanoethoxy)][di[propan-2-y]]amino]phosphanyl]-2^*O-\{2-(2-cyanoethoxy)][di[propan-2-(2-cyanoethoxy)][di[propan-2-(2-cyanoethoxy)][di[propan-2-(2-cyanoethoxy)][di[propan-2-(2-cyanoethoxy)][di[propan-2-(2-cyanoethoxy$	10	mg mg	Purity - NLT 90% Purity - NLT 90% Purity - NLT 90%	not later than 31.05.2024 not later than 31.05.2024 not later than 31.05.2024
35 36 37	$CAS:150780-67-9\\ S^{\circ}O^{\circ}[bis(4-methoxyphenyl)](phenyl)methyl]-3^{\circ}O^{\circ}[(2-cyanoethoxy)][di[propan-2-y]lamino]phosphanyl]-2^{\circ}O^{\circ}methyl-N^{\circ}(2-methylpropanoy/l)guanosine\\ \\ C_{46}H_{52}O_{5}N_{7}P\\ S^{\circ}O^{\circ}[bis(4-methoxyphenyl)](phenyl)methyl]-3^{\circ}O^{\circ}[(2-cyanoethoxy)][di[propan-2-y]lamino]phosphanyl]-2^{\circ}O^{\circ}ethyl-N^{\circ}(2-methylpropanoy/l)guanosine\\ \\ C_{46}H_{42}O_{10}N_{7}P\\ S^{\circ}O^{\circ}[bis(4-methoxyphenyl)[phenyl)methyl]-3^{\circ}O^{\circ}[(2-cyanoethoxy)][di[propan-2-y]lamino]phosphanyl]-2^{\circ}O^{\circ}(2-ethoxyethyl)-N^{\circ}(2-methylpropanoy)]guanosine\\ \\ \\ C_{46}H_{42}O_{10}N_{7}P\\ S^{\circ}O^{\circ}[bis(4-methoxyphenyl)[phenyl)methyl]-2^{\circ}O^{\circ}butyl-3^{\circ}O^{\circ}(2-cyanoethoxy)[di[propan-2-y]lamino]phosphanyl]-N^{\circ}(2-methylpropanoy)]guanosine\\ \\ \\ \\ \\ C_{46}H_{44}O_{11}N_{7}P\\ S^{\circ}O^{\circ}[bis(4-methoxyphenyl)[phenyl)methyl]-3^{\circ}O^{\circ}(2-cyanoethoxy)[di[propan-2-y]lamino]phosphanyl]-2^{\circ}O^{\circ}(2-(2-methoxypthoxy)ethyl]-N^{\circ}(2-methylpropanoy)]guanosine\\ \\ \\ \\ C_{46}H_{44}O_{11}N_{7}P\\ S^{\circ}O^{\circ}[bis(4-methoxyphenyl)[phenyl)methyl]-3^{\circ}O^{\circ}(1-cyano-4-[di[propan-2-y]lamino]-11-methyl^{\circ}(2-propan-2-y]lamino]-11-methyl^{\circ}(2-propan-2-y)lamino]-11-methyl^{\circ}(2-propanoy)^{\circ}(2-propanoy$	10 10 10	mg mg mg	Purity - NLT 90% Purity - NLT 90% Purity - NLT 90% Purity - NLT 90%	not later than 31.05.2024 not later than 31.05.2024 not later than 31.05.2024 not later than 31.05.2024
34 35 36 37	CAS:150780-67-9 S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy) di(propan-2-y)lamino)phosphanyl}-2'-O-methyl-N-{(2-methylpropanoy/)guanosine} CacH ₃₅ O ₃ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy) di(propan-2-y)lamino)phosphanyl}-2'-O-ethyl-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₀ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy) di(propan-2-y)lamino)phosphanyl]-2'-O-{2-ethoxyethyl}-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₀ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-2'-O-butyl-3'-O-{(2-cyanoethoxy) di(propan-2-y)lamino)phosphanyl]-2'-O-{2-ethoxyethyl}-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy) di(propan-2-y)lamino)phosphanyl-2'-O-{2-(2-methoxyethoxy)ethyl]-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{1-cyano-4-[di(propan-2-y)lamino]phosphanyl-2'-O-{2-(2-methoxyethyl)-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(4-methoxyphenyl)(phenyl)methoxyl)methyl-4-{2-methoxyethoxyl-5-{2-(2-methoxyethyl)-N-{2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(2-methoxyphenyl)(phenyl)methoxyl)methyl-4-{2-methoxyethoxyl-5-{2-(2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(2-methoxyphenyl)(phenyl)methoxyl)methyl-4-{2-methoxyethoxyl-5-{2-(2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(2-methoxyphenyl)(phenyl)methoxyl)methyl-4-{2-methoxyethoxyl-5-{2-(2-methylpropanoyl)guanosine} CacH ₈₅ O ₁₁ N ₃ P S'-O-[bis(2-methoxyethoxyl-6-oxo-1,6-dihydro-9H-purin-9-y)loxolan-3-yl) ethane-1,2-diyl bis(N,N-di[propan-2-yl)(phosphoramidoite]) (non-preferred anama	10 10 10 10	mg mg mg	Purity - NLT 90% Purity - NLT 90% Purity - NLT 90% Purity - NLT 90%	not later than 31.05.2024 not later than 31.05.2024 not later than 31.05.2024 not later than 31.05.2024

42	$\begin{split} &C_{13}H_{18}D_{12}N_{11}P\\ &(2R,3R,4R,5R)-2-\{[bis(4-methoxyphenyl)(phenyl)methoxy]methyl)-4-\{2-methoxyethoxy)-5-\{2-\{2-methylpropanamido\}-6-oxo-1,6-dihydro-9H-purin-9-ylloxolan-3-yl (2R,3S,5R)-2-\{[bis(4-methoxyphenyl)(phenyl)methoxylmethyl)-5-[2-2-methylpropanamido]-6-oxo-1,6-dihydro-9H-purin-9-ylloxolan-3-yl N,N-di(propan-2-yl)phosphoramidolite (non-preferred name) \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
43	$C_{1},H_{60}O_{12}N,P$ $3^{\circ}O\cdot[bis(4-methoxyphenyi)/phenyi)methyi]\cdot 5^{\circ}O\cdot((2\text{-cyanoethoxy})[di(propan-2-y)]amino)phosphanyi)\cdot 2^{\circ}O\cdot(2\text{-methoxyethyi})\cdot N\cdot(2\text{-methy/propanoyi})guanosine}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
44	$C_{1},H_{60}O_{12}N_{+}P$ $3'-O-[bis(4-methoxyphenyl)](phenyl)methyl]-5'-O-\{(2-cyanoethoxy)](dl(propan-2-yl)amino]phosphanyl]-2'-O-\{2-methoxyethyl)-2-\{2-methylpropanamido)-N-\{2-methylpropananyl)adenosine$	10	mg	Purity - NLT 90%	not later than 31.05.2024
45	$C_{t}\mathcal{H}_{to}N_{t}O_{to}P$ $CAS:251647-55-9$ $S'-O-\{bis\{4-methoxyphenyl\}(phenyl)methyl\}-3'-O-\{\{2-cyanoethoxy\}]di[propan-2-yl]amino]phosphanyl]-2'-O-\{2-methoxyethyl\}-N-\{2-methylpropanoyl]guanosine}$	40	mg	Purity ³¹ PNMR- NLT 98.0%	not later than 31.05.2024
	PART 4	- STANDARDS FOR DMT-2	'-O-MOE-T-CE-Phosphora	midite	
46	$\begin{split} &C_{i_1}H_{i_2}C_{i_3}N_aP\\ &CAS:153631-20-0\\ &S'-O\cdot[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-y)]amino]phosphanyl]-5-methyl-2'-O-methyluridine \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
47	$C_{c_3}H_{c_3}O_3N_4P$ $5^cO-[bis(4-methoxyphenyl)]phenyl)methyl]-3^cO-\{(2-cyanoethoxy)[di(propan-2-y)]amino]phosphanyl-2^cO-ethyl-5-methyluridine$	10	mg	Purity - NLT 90%	not later than 31.05.2024
48	$C_{cd}H_{57}O_{12}N_{d}P$ $5'\cdot O\cdot [bis(4-methoxyphenyl)[phenyl)]methyl]\cdot 3'\cdot O\cdot \{(2-cyanoethoxy)[di(propan-2-y)]amino[phosphanyl-2'\cdot O\cdot \{2-ethoxyethyl)-5-methyluridine}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
49	C _{s4} H ₅₇ O _s N ₄ P 5'-O-[bis(4-methoxyphenyl)/(phenyl)methyl]-2'-O-butyl-3'-O-{(2-cyanoethoxy) di(propan-2-yl)amino]phosphanyl)-5-methyluridine	10	mg	Purity - NLT 90%	not later than 31.05.2024
50	$C_{c_8} + _{b_3} O_{11} N_a P$ $S^-O^-[bis[4-methoxyphenyi](phenyi)methyi] \cdot 3^+O^-(\{2\text{-cyanoethoxy}\}] di[propan-2-yi]amino]phosphanyi] \cdot 2^+O^-\{2\cdot\{2\text{-methoxyethoxy}\}\text{ethyi}] \cdot S\text{-methyluridine}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
51	$\begin{split} &C_{31}N_{173}O_{12}N_{8}P_{2}\\ &S^{*}\text{-O-[bis(4-methoxyphenyl)](phenyl)methyl]-3}^{*}\text{-O-[1-cyano-4-[di(propan-2-yl)-3,5,8-trioxa-10-aza-4,9-diphosphadodecan-9-yl)-2}^{*}\text{-O-[2-methoxyethyl)-5-methyluridine} \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
52	$\begin{array}{l} C_{12}H_{100}O_{22}N_4P_2\\ \\ \text{int}(2R,3R,4R,5R)[2\cdot[[bis(4-methoxyphenyl)(phenyl)methoxy]methyl)-4-\{2-methoxyethoxy)-5-\{5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)oxolan-3-yl] ethane-1,2-diyl bis[N,N-di(propan-2-yl)(phosphoramidoite)] \end{array}$	10	mg	Purity - NLT 90%	not later than 31.05,2024

	$C_{84}H_{110}O_{21}N_6P_2$				
53	$\label{lem:bis_2R_3R_4R_5R_3[2-[[bis(4-methoxyphenyl)](phenyl)]methoxy]methyl}-4-\{2-methoxyethoxy)-5-\{5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1[2H)-yl]oxolan-3-yl]oxydi(ethane-2,1-diyl) bis[N,N-di(propan-2-yl)(phosphoramidoite)]$	10	mg	Purity - NLT 90%	not later than 31.05.2024
54	$\begin{split} &C_{c;H_{56}O_{15}N_8P_2}\\ &(2R,3R,4R,5R)-2\cdot [[bis(4-methoxyphenyl)(phenyl)methoxy]methyl)-4-\\ &(2R,3R,4R,5R)-3\cdot ([(2-cyanoethoxy)]d([propan-2-yl]amino]phosphanyl]oxy)-4-(2-methoxyethoxy)-5-(5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl]oxolan-2-yl]methoxyl-5-(5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl]oxolan-3-yl 2-cyanoethyl N.N-di(propan-2-yl)phosphoramidiotte \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
55	$ C_{rd}H_{85}O_{17}N_{e}P \\ (2R,3R,4R,5R)-2-([bis(4-methoxyphenyl)(phenyl)methoxy]methyl)-4-([l(R,3R,4R,5R)-3-([(l^2-cyanoethoxy)]di([propan-2-yl]amino]phosphanyl]oxy)-4-(2-methoxyethoxy)-5-(5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl]oxolan-2-yl]methoxy)-5-(5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl]oxolan-3-yl 2-cyanoethyl N,N-di(propan-2-yl)phosphoramidoite$	10	mg	Purity - NLT 90%	not later than 31.05.2024
56	C ₁₂ H ₈₈ O ₁₈ N ₈ P bis(2R,3R,4R,5R)[2-{[bis(4-methoxyphenyl) phenyl)methoxy]methyl}-4-{2- methoxyethoxy}-5-{5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)oxolan-3- yl] N,N-di[propan-2-yl]phosphoramidoite	10	mg	Purity - NLT 90%	not later than 31.05.2024
57	$C_{63}H_{55}O_{10}N_4P$ $3',5'\cdot bis-O-\{bis(4-methoxyphenyl)(phenyl)methyl]-2'-O-\{2-methoxyethyl\}-5-methyluridine}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
58	$C_{15}H_{15}G_{11}N_2\\$ $3^*-O\cdot[bis(4-methoxypheny)](pheny) methyl]-S^*-O-\{(2-cyanoethoxy)[di(propan-2-y)]amino]phosphanyl]-2^*-O-\{2-methoxyethyl)-5-methyluridine$	10	mg	Purity - NLT 90%	not later than 31.05.2024
59	$\begin{array}{l} C_{c3}H_{55}O_{12}N_{a}P\\ CAS:163878-63-5\\ \\ S'-O\cdot[bis(4-methoxyphenyl)](phenyl)methyl]-3'-O-\{(2-cyanoethoxy)](di(propan-2-yl)amino]phosphanyl]-2'-O-\{2-methoxyethyl)-5-methyluridine \end{array}$	40	mg	Purity ³³ PNMR- NLT 98.0%	not later than 31.05.2024
		TANDARDS FOR DMT-2'-0	O-MOE-A(Bz)-CE-Phospho	ramidite	
60	Cashs, ON-P CAS:110782-31-5 N-benzoyl-S'-O-[bis(4-methoxyphenyl)[phenyl]methyl]-3'-O-([2- cyanoethoxy][di[[propan-2-yl]amino]phosphanyl]-2'-O-methyladenosine	10	mg	Purity - NLT 90%	not later than 31.05.2024
61	$C_{a3}H_{a5}O_a/N_sP$ $N-benzoyl-5'-O-\{bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-\{(2-cyanoethoxy)[di(propan-2-yl)amino]phosphanyl]-2'-O-ethyladenosine$	10	mg	Purity - NLT 90%	not later than 31.05.2024
62	$C_{s_1H_{60}O_0}N_sP$ $N_c = 2 - (2s_1H_{60}O_0)N_s - (2s_1H_{60}O_0)N$	10	mg	Purity - NLT 90%	not later than 31.05.2024
63	$C_{s_1}H_{60}O_sN_pP$ N-benzoyl-5'-O-[bis(4-methoxyphenyi)](phenyi)methyi]-2'-O-butyl-3'-O-{(2-cyanoethoxy)[di(propan-2-yi)amino]phosphanyi]adenosine	10	mg	Purity - NLT 90%	not later than 31.05.2024
64	C ₁₂ H ₁₀ :O ₁₀ N ₁ P N-benzoyl·5'-O-[bis(4-methoxyphenyl)](phenyl)methyl]·3'·O-{(2-cyanoethoxy)[di[(propan-2-yl)]amino]phosphanyl}-2'·O-{2-(2-methoxyethoylethyl]adenosine	10	mg	Purity - NLT 90%	not later than 31.05.2024
65	C ₅₈ H ₇₅ O ₁ N ₈ P ₂ N-benzoyl-5'-O-[bis(4-methoxyphenyl)[phenyl)]methyl]-3'-O-[1-cyano-4-[di[propan-2-yl]amino]-11-methyl-10-[propan-2-yl]-3,5,8-trioxa-10-aza-4,9-diphosphadodecan-9-yl]-2'-O-[2-methoxyethyl]adenosine	10	mg	Purity - NLT 90%	not later than 31.05.2024
66	$C_{ab}H_{123}O_{18}N_{12}P_{1}$ $bis[2R,3R,4R,5R)][5-[6-benzamido-9H-purin-9-y]]-2-[[bis[4-methoxyphenyl][phenyl]methoxy]methyl]-4-[2-methoxyethoxy]oxolan-3-yl]$	10	mg	Purity - NLT 90%	not later than 31.05.2024
67	ethane-1,2-diyl bis[N,N-di[propan-2-yl](phosphoramidoite)] C _{Bt} H ₁₁₆ O ₂₃ N ₁₂ P ₂ bis[2R,3R,4R,5R)[5-(6-benzamido-9H-purin-9-yl)-2-[[bis[4-methoxypthenyl)[phenyl]methoxy]methyl]-4-{2-methoxypthenyl]oxplan-3-yl]	10	mg	Purity - NLT 90%	not later than 31.05.2024
68	oxydi(ethane-2,1-diyl) bis[N,N-di(propan-2-yl)(phosphoramidoite)] C _{n0} H ₁₅ C ₃ N,P CAS.256224-01-8 N-benzoyl-5-O-[bis[4-methoxyphenyl)(phenyl)methyl]-2*-O-{(2-cyanoethoxy)[di(propan-2-yl)amino]phosphanyl]-3*-O-{2-cyanoethoxy}	10	mg	Purity - NLT 90%	not later than 31.05.2024
69	$\label{eq:methoxyethyl} methoxyethyl] adenosine $$C_{ck}H_{72}O_{12}N_{r}P$$ $$N^{-}(bis(4-methoxyphenyl)(phenyl)methyl]-5'-O-[bis(4-methoxyphenyl)methyl]-5'-O-[bis(4-methoxyphen$	10	mg	Purity - NLT 90%	not later than 31.05.2024
70	$\label{eq:continuous} \begin{split} &\text{methoxyphenyl)[phenyl]methyl] \cdot 3^{-}O^{-}(\{2\text{-}cyanoethoxy)[di[propan-2-yl]amino]phosphanyl] \cdot 2^{-}O^{-}(2\text{-}methoxyethyl]adenosine} \\ &C_{tg}H_{5a}O_{g}N_{p}P \\ &S^{-}O^{-}[bis\{4\text{-}methoxyphenyl][phenyl]methyl] \cdot 3^{-}O^{-}(\{2\text{-}cyanoethoxy][di[propan-2-yh]aminosine])} \end{split}$	10	mg	Purity - NLT 90%	not later than 31.05.2024
71	ylaminojhosahanyi)-2-0-(2-methoxyetnyi)adenosine C ₈₈ H ₉₄ O ₁₆ N ₁₁ P bis(2R,3R,4R,5R)[5-(6-benzamido-9H-purin-9-yi)-2-([bis(4-	10	mg	Purity - NLT 90%	not later than 31.05.2024
72	$\label{eq:methoxyphenyl} $$ methoxyphenyl](phenyl)methoxy]methyl]-4-(2-methoxyethoxy)oxolan-3-yl] N,N-di[propan-2-yl]phosphoramidoite $$ C_{10}H_{50}O_3N_3P$$$ N-benzoyl-3'-O-[bis[4-methoxyphenyl](phenyl)methyl]-5'-O-{[2-methoxyphenyl](phenyl)methyl]$	10	mg	Purity - NLT 90%	not later than 31.05.2024
	cyanoethoxy di[propan-2-yl]amino]phosphanyl}-2-O-(2- methoxyethyl)adenosine C_adi_shV-GP CAS:251647-53-7	-	·•o	. ,	32.03.202.
73	N-benzoyl-5'-O-[bis(4-methoxyphenyl)(phenyl)methyl]-3'-O-{(2-cyanoethoxy)[di(propan-2-yl)amino]phosphanyl)-2'-O-(2-	40	mg	Purity ³¹ PNMR- NLT 98.0%	not later than 31.05.2024