

REAGENT PREPARATION:

To prepare a 0.1 M solution, add the appropriate volume of anhydrous acetonitrile as detailed in Table 1. Maintain anhydrous state by storing over activated 3Å or 4Å molecular sieves for a minimum of 24 hours.

NOTE: Remember for amidites on Expedite synthesizer, dilute 1.5x (or 0.0667M).

<u>Product Code</u>	<u>Product Description</u>	<u>Molecular Weight (g/mol)</u>	<u>Phosphoramidite Weight</u>					
			<u>0.5g</u>	<u>1g</u>	<u>2g</u>	<u>5g</u>	<u>10g</u>	<u>20g</u>
27-1019-xx	2'-MOE A Phosphoramidite	932.03	5.4	10.7	21.4	53.6	107.3	214.6
27-1020-xx	2'-MOE 5mC Phosphoramidite	922.0	5.4	10.8	21.7	54.2	108.5	216.9
27-1021-xx	2'-MOE 5mU Phosphoramidite	819.0	6.1	12.2	24.4	61.1	122.1	244.2
27-1022-xx	2'-MOE G Phosphoramidite	914.01	5.5	10.9	21.9	54.7	109.4	218.8
27-1403-xx	Bz rA Phosphoramidite	988.2	5.1	10.1	20.2	50.6	101.2	202.4
27-1404-xx	rU Phosphoramidite	861.1	5.8	11.6	23.2	58.1	116.1	232.3
27-1405-xx	Ac rC Phosphoramidite	902.1	5.5	11.1	22.2	55.4	110.9	221.7
27-1406-xx	iBu rG Phosphoramidite	970.1	5.2	10.3	20.6	51.5	103.1	206.2
27-1601-xx	2'-F Bz A Phosphoramidite	875.92	5.7	11.4	22.8	57.1	114.2	228.3
27-1602-xx	2'-F Ac C Phosphoramidite	789.8	6.3	12.7	25.3	63.3	126.6	253.2
27-1602-xx	2'-F U Phosphoramidite	748.8	6.7	13.4	26.7	66.8	133.5	267.1
27-1607-xx	2'-F iBu G Phosphoramidite	857.4	5.8	11.7	23.3	58.3	116.6	233.3
27-1723-xx	PAC dA Phosphoramidite	887.96	5.6	11.3	22.5	56.3	112.6	225.2
27-1725-xx	iBu dC Phosphoramidite	799.89	6.3	12.5	25.0	62.5	125.0	250.0
27-1726-xx	iPrPAC dG Phosphoramidite	946.05	5.3	10.6	21.1	52.9	105.7	211.4
27-1730-xx	Bz dA Phosphoramidite	857.95	5.8	11.7	23.3	58.3	116.6	233.1
27-1732-xx	Bz dC Phosphoramidite	833.93	6.0	12.0	24.0	60.0	119.9	239.8
27-1734-xx	iBu dG Phosphoramidite	839.92	6.0	11.9	23.8	59.5	119.1	238.1

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			<u>0.5g</u>	<u>1g</u>	<u>2g</u>	<u>5g</u>	<u>10g</u>	<u>20g</u>
27-1736-xx	T Phosphoramidite	744.82	6.7	13.4	26.9	67.1	134.3	268.5
27-1737-xx	DMF dG Phosphoramidite	824.9	6.1	12.1	24.2	60.6	121.2	242.5
27-1738-xx	dU Phosphoramidite	730.8	6.8	13.7	27.4	68.4	136.8	273.7
27-1744-xx	dI Phosphoramidite	754.82	6.6	13.2	26.5	66.2	132.5	265.0
27-1746-xx	N6-Methyl dA Phosphoramidite	767.9	6.5	13.0	26.0	65.1	130.2	260.5
27-1748-xx	5-Me dC Phosphoramidite	847.95	5.9	11.8	23.6	59.0	117.9	235.9
27-1803-xx	TheraPure® PAC rA Phosphoramidite	1018.2	4.9	9.8	19.6	49.1	98.2	196.4
27-1804-xx	TheraPure® rU Phosphoramidite	861.1	5.8	11.6	23.2	58.1	116.1	232.3
27-1805-xx	TheraPure® Ac rC Phosphoramidite	902.1	5.5	11.1	22.2	55.4	110.9	221.7
27-1806-xx	TheraPure® iPrPAC rG Phosphoramidite	1076.3	4.6	9.3	18.6	46.5	92.9	185.8
27-1822-xx	2'-OMe PAC A Phosphoramidite	918	5.4	10.9	21.8	54.5	108.9	217.9
27-1823-xx	2'-OMe Ac C Phosphoramidite	801.86	6.2	12.5	24.9	62.4	124.7	249.4
27-1823-xx	2'-OMe U Phosphoramidite	760.8	6.6	13.1	26.3	65.7	131.4	262.9
27-1826-xx	2'-OMe iPrPAC G Phosphoramidite	976.1	5.1	10.2	20.5	51.2	102.4	204.9
27-1842-xx	2'-OMe Bz A Phosphoramidite	887.97	5.6	11.3	22.5	56.3	112.6	225.2
27-1846-xx	2'-OMe iBu G Phosphoramidite	869.9	5.7	11.5	23.0	57.5	115.0	229.9
27-1903-xx	TheraPure® Bz rA Phosphoramidite	988.2	5.1	10.1	20.2	50.6	101.2	202.4
27-1906-xx	TheraPure® iBu rG Phosphoramidite	970.1	5.2	10.3	20.6	51.5	103.1	206.2
27-2030-xx	TheraPure® Bz dA Phosphoramidite	857.95	5.8	11.7	23.3	58.3	116.6	233.1

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			<u>0.5g</u>	<u>1g</u>	<u>2g</u>	<u>5g</u>	<u>10g</u>	<u>20g</u>
27-2032-xx	TheraPure® Bz dC Phosphoramidite	833.93	6.0	12.0	24.0	60.0	119.9	239.8
27-2034-xx	TheraPure® iBu dG Phosphoramidite	839.92	6.0	11.9	23.8	59.5	119.1	238.1
27-2036-xx	TheraPure® T Phosphoramidite	744.82	6.7	13.4	26.9	67.1	134.3	268.5
27-2042-xx	TheraPure® 2'-OMe Bz A Phosphoramidite	887.97	5.6	11.3	22.5	56.3	112.6	225.2
27-2043-xx	TheraPure® 2'-OMe Ac C Phosphoramidite	801.86	6.2	12.5	24.9	62.4	124.7	249.4
27-2044-xx	TheraPure® 2'-OMe U Phosphoramidite	760.8	6.6	13.1	26.3	65.7	131.4	262.9
27-2046-xx	TheraPure® 2'-OMe iBu G Phosphoramidite	869.9	5.7	11.5	23.0	57.5	115.0	229.9
29-1727-xx	Ac dC Phosphoramidite	771.8	6.5	13.0	25.9	64.8	129.6	259.1

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			<u>100 umol</u>	<u>0.25</u>	<u>0.5g</u>	<u>1g</u>	<u>2g</u>	<u>5g</u>
27-0035-xx	5'-Aminohexyl Linker Phosphoramidite	590	1.0	4.2	8.5	16.9	33.9	84.7
27-1606-xx	DyLight™ Fluorescein Phosphoramidite	843.94	1.0	3.0	5.9	11.8	23.7	59.2
27-1608-xx	DyLight™ FAM-6 Phosphoramidite	843.94	1.0	3.0	5.9	11.8	23.7	59.2
27-1792-xx	TFA-Aminolinker Phosphoramidite	413.42	1.0	6.0	12.1	24.2	48.4	120.9
27-1794-xx	Phosphorylating Phosphoramidite	656.77	1.0	3.8	7.6	15.2	30.5	76.1
SY6332xx	DyLight™ DY547 Phosphoramidite	756.74	1.0	3.3	6.6	13.2	26.4	66.1
SY6334xx	DyLight™ DY647 Phosphoramidite	827.07	1.0	3.0	6.0	12.1	24.2	60.5
SY6336xx	DyLight™ DY677 Phosphoramidite	927.18	1.0	2.7	5.4	10.8	21.6	53.9