

### Location Key

1: Water reactive/reducing agents  
2: Aq. Inorganic Bases  
3: General Supplies/ Dessiccants

4: Oxidizers  
5: Inorg. Bases  
6: Inorganics  
7: Inorg. Acids  
8: Solvents  
9: Drum & HPLC Solvents  
10: Org. Acids  
11: Org. Bases  
12: Rctv. Halides

13: Organics  
14: Transition Metals  
15: Refrigerator  
16: Freezer  
17: Dessicator

Chemical Name	Location	Amount	Supplier	CAS Number	Special Notes
(3-aminopropyl)triethoxysilane	15	100 ml	Sigma	919-30-2	
(d)-Phenylglycinamide	13	5g	Acros	6485-67-2	
(d)-Phenylglycinamide	13	5g	Acros	6485-67-2	
(R)-(+)-2-Phenylglycine	13	100g	Aldrich		
(R)-(+)-2-Phenylglycine	13	100g	Aldrich		
(S)-(-)-1-phenylethylamine	13	25 g	Lancaster	2627-86-3	
(S)-(+)-2-phenylglycinol (98%)	13	5 g	Lancaster	20989-17-7	
1-(2-nitrophenyl)-1,2 ethandiol	13	5 g	Aldrich	51673-57-9	
1,1,4,7,10,10,-hexamethyl triethylenetetramine	11	5 g	Aldrich	3083-10-1	HMTETA
1,1,4,7,10,10-Hexamethyl triethylenetetraamine	11	5 g	Aldrich	3083-10-1	
1,1'-Bis(diphenylphosphino)ferrocene	17	1 g	Aldrich	12150-46-8	97%, dppf
1,1'-Bis(diphenylphosphino)ferrocene	17	1 g	Aldrich	12150-46-8	97%, dppf
1,1'-Bis(diphenylphosphino)ferrocene	17	1 g	Aldrich	12150-46-8	97%, dppf
1,1-di(p-mesy)l)methyl amine	11	1 g	TCI	19293-62-0	
1,1'-thiocarbonyldimidazole	15	10 g	Alfa Aesar	6160-65-2	
1,2-ethanedithiol	15	25 mL	Fluka	540-63-6	
1,2-ethanedithiol	15	100 mL	Merck	540-63-6	
1,3-Bis(diphenylphosphino)propane	17	5 g	Aldrich	6737-42-4	97%, dppp
1,3-diisopropyl carbodimide	13	25 g	Aldrich	693-13-0	
1,4-dimethoxybenzene	13	100 g	Aldrich	150-78-7	
1,4-dimethoxybenzene	13	500 g	Aldrich	150-78-7	
1,5-cyclooctadiene 99%	15	500 g	Acros	111-78-4	monomer
1,6-Hexanediol	13	500 g	Aldrich	629-11-8	
1,8-diazabicyclo[5.4.0]-7-undecene	15	25 g	TCI	6674-22-2	azo initiaitor
11-bromo-1-undecane	12	25 mL	Sigma	7766-50-9	
11-mercapto undecanol (97%)	15	5 g	Aldrich	73768-94-2	thiols
11-mercaptoundecamine HCl	15	100 mg	Prochimia		
11-mercaptoundecamine HCl	15	100 mg	Prochimia		
16-mercaptohexadecanoic acid (90 %)	15	1 g	Aldrich	69839-68-5	
16-mercaptohexadecanoic acid (90 %)	15	1 g	Aldrich	69839-68-5	thiols
1-amino-3,3-diethoxypropane	15	25 g	Acros	41365-75-7	
1-bromohexane	13	100 g	Aldrich	111-2-1	

1-chloro-1-phenylethane 97%	12	100 g	Acros	672-65-1	
1-chloro-2,4-dinitrobenzene	13	5 g	Aldrich	97-00-7	
1-ethyl(2-nitro benzene fluoescamine) 98%	13	100 mg	Aldrich	38183-12-9	
1-ethyl-2-nitrobenzene	13	100 g	Alfa Aesar	612-22-6	
1-hydroxy-benzotriazole hydrate	16	25 g	Aldrich	123333-53-9	
1-Iodo, 2-fluoro pyridinium salt with trifluoromethanesulf	17	8 g			Scintillation vial, 25 mL
2-(2-aminoethoxy)ethanol	15	100 ml	Acros	929-06-6	
2-(4-hydroxyphenylazo)benzoic acid 97%	Biolab dry	5g	Acros	1634-82-8	
2-(aminomethyl)pyridine	11	25 mL	Acros	3731-51-9	
2-(aminomethyl)pyridine	11	25 mL	Acros	3731-51-9	
2,2'-(Ethylenedioxy) bis-(ethylamine) 98%	11	100 mL	Aldrich	929-59-9	
2,2'-(ethylenedioxy)bis(ethylamine) 98%	11	100 mL	Aldrich	929-59-9	
2,2,2-trifluoroethanol	15	25 g	Aldrich	75-89-8	
2,2'-Bipyridyl	17	25 g	Alfa Aesar	366-18-7	99+%
2,2'-azino-bis(3-ethyl benzothiazolene-6-sulfonic acid) c	13	1 g	Aldrich	30931-67-0	
2,2'-azobisisobutyronitrile 98%	Biolab freezer	100g	Sigma	78-67-1	
2,5-dihydroxy benzoic acid	10	25 g	Aldrich	490-79-9	
2,6-di-tertbutyl-4-methyl phenol	13	250 g	Acros	128-37-0	
2,6-Lutidine 99%	11	100 mL	Sigma	108-48-5	
2,6-Lutidine 99%	11	100 mL	Aldrich	108-48-5	
2-acrylamido-2 methyl-1-propanesulfonic acid	15	250 g	Aldrich	15214-89-8	monomer
2-bromoethanol	13	100 mL	Aldrich	540-51-2	
2-bromoethanol, 95%	15	100 g	Aldrich	540-51-2	
2-bromoisobutyryl bromide	15	100 g	Aldrich	20769-85-1	acid halides
2-bromoisobutyryl bromide	15	100 g	Aldrich	20769-85-1	
2-bromopropionic acid 98%	10	25 g	TCI	598-72-1	
2-bromopropionyl bromide	15	100 g	Aldrich		
2-Chloro-1-methylpyridinium iodide	17	8 g		14338-32-0	Reagent, Scintillation vial,
2-chloropropionic acid 95%	10	500 mL	Acros	598-78-7	
2-chloropropionic acid 95%	10	500 mL	Acros	598-78-7	
2-chloropropionyl chloride, 97%	15	25 g	Aldrich	7623-09-8	acid halide
2-Clt resin-Leu-OBT	Biolab freezer	5g	Novabiochem	c 04-12-3801	
2-hydroxyethyl acrylate 97%	15	1 L	Acros	818-61-1	
2-hydroxyethyl methacrylate 97%	15	500 g	Aldrich	868-77-9	HEMA
2-hydroxyethyl methacrylate 97%	15	500 g	Aldrich	868-77-9	HEMA
2-hydroxyethyl methacrylate 98%	15	250 g	Acros	868-77-9	HEMA
2-hydroxypropyl methacrylate 98%	15	500 mL	Aldrich	923-26-2	
2-hydroxypyridine 97%	11	25 g	Aldrich	142-08-5	
2-Hydroxypyridine, 97%	11	25 g	Aldrich	142-08-5	
2-nitrobenzyl alcohol (97 %)	13	25 g	Alfa Aesar	612-25-9	
2-Picdyl chloride hydrochloride	12	30g	Acros	6959-47-3	
2-Picdyl chloride hydrochloride	12	30g	Acros	6959-47-3	

2-Picolyl chloride hydrochloride	12	30g	Acros	6959-47-3	
2-Picolyl chloride hydrochloride	12	30g	Acros	6959-47-3	
3-(trimethoxysilyl)propyl methacrylate	15	100 mL	Aldrich	2530-85-0	100 mL Liquid, 98%
3,5-dibromobenzaldehyde	13	5g	Aldrich	56990-02-4	
3,5-dibromobenzaldehyde	13	5g	Aldrich	56990-02-4	
3-amino-1-propanol	13	500 g	Aldrich	156-87-6	corrosive
3-bromopropionic acid 97%	10	100 g	Aldrich		
3-chloropropionaldehyde diethyl acetal	15	25 g	Fluka	35573-93-4	
3-chloropropionaldehyde diethyl acetal	15	25 g	Fluka	35573-93-4	
3-chloropropionaldehyde diethyl acetal	15	25 g	Fluka	35573-93-4	
3-chloropropionaldehyde diethyl acetal	15	25 g	Fluka	35573-93-4	
3-chloropropionaldehyde diethyl acetal, 95%	15	25 g	Alfa Aesar	35573-93-4	
3-dihydroxypropionic acid	10	100 g	TCI	503-66-2	
3-Hydroxyl propionic acid	10	10 g	TCI		
3-maleimidopropionic acid	15	1 g	Aldrich	7423-55-4	thiols
3-mercapto-1-propanol	15	5 g	Aldrich	19721-22-3	Thiols
3-sulfopropyl methacrylate potassium salt	15	100 g	Aldrich	31098-21-2	monomer
4-(1-bromoethylbenzoic acid)	15	5 g	Alfa Aesar		
4-(1-bromoethylbenzoic acid)	15	5 g	Alfa Aesar		
4-(Bromomethyl) benzene boronic acid	10	5 g	Aldrich	68162-47-0	
4-(bromomethyl)benzene boronic acid	10	1 g	Lancaster Chemical		
4,4,5,5-Tetramethyl-1,3,2-dioxaborolane	13	5 mL	Aldrich	25015-63-8	97%
4,4'-azobis(4-cyanovaleric acid)	15	25 g	Aldrich	2638-94-0	
4,4'-azobis(4-cyanovaleric acid)	15	25 g	Aldrich	2638-94-0	
4,4'-diheptyl-2,2'-bipyridine	17	8 g	Synthetic by GMQ	71071-44-8	dHbpy, Scintillation vial, 25 mL
4,4'-dimethyl 2,2'-dipyridyl	11	5 g	Aldrich		
4'6-diamino-2-phenyl indole	Biolab freezer	1mg	Sigma	28718-90-3	
4-bromobenzaldehyde	15	10 g	Aldrich	1122-91-4	
4-bromobenzaldehyde dimethylacetal	15	50 mL	Aldrich	24856-58-4	reactive halides
4-Bromoethyl amine-HBr (99%)	13	25 g	Aldrich	2576-47-8	
4-bromo-o-phenylenediamine	11	5 g	Aldrich	1575-37-7	
4-chloro-2-nitrobenzyl alcohol	13	25 g	Aldrich	22996-18-5	
4-dimethylaminopyridine	11	10 g	Fluka		DMAP
4-hydroxybenzaldehyde	13	250 g	Acros	123-08-0	
4-hydroxybenzaldehyde	13	50 g	Aldrich	123-08-0	
4-hydroxybenzaldehyde	13	50 g	Aldrich	123-08-0	
4-hydroxybenzaldehyde	13	250 g	Acros	123-08-0	
4-Methoxy phenol	13	105g	Aldrich	150-76-5	
4-Methoxy phenol	13	105g	Aldrich	150-76-5	
4-methylmorpholine N-oxide	15	25 g	Aldrich	7529-22-8	
4-Nitrophenol	13	100g	Aldrich	100-02-7	

4-Nitrophenol	13	100g	Aldrich	100-02-7	
4-Nitrophenol	13	100g	Aldrich	100-02-7	
4-Nitrophenol	13	100g	Aldrich	100-02-7	
4-nitrophenyl chloroformate, 97%	13	5 g	Acros	7693-46-1	
4-nitrophenylacetate	13	25 g	Acros	830-03-5	
4-nitrophenylchloroformate	15	10 g	Fluka	7693-46-1	
4-Styrenesulfonic acid sodium salt hydrate	11	100 g	Aldrich	123333-94-8	
4-vinylbenzoic acid	10	5 g	Aldrich	1075-49-8	97%
5-((N-(5-(N-(6-(biotinoyl)amino)hexanoyl)- (amino)pentyl)thioureidyl)fluorescein	Biolab freezer	5mg	Molecular Probes	c B-1370	
5-(trimethylsilyl)-4-pentyne-1-ol	15	2 g	GFS	13224-84-5	
5-hexenoic acid 98%	10	1 g	Aldrich	1577-22-6	
6-Amino-1-hexanol	17	10 g	Aldrich	4048-33-3	94%
7-amino-4-methyl coumanin	13	1g	Acros	26093-31-2	
acetic anhydride	10	500 ml	Acros	108-24-7	
acetic anhydride	10	500 ml	Acros	108-24-7	
acetone oxime 98%	13	100 g	Aldrich	127-06-0	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
Acetonitrile	9	4 L	Fisher	75-05-8	
acetyl chloride	15	25 g	Aldrich	75-36-5	reactive halides
Ac-Gly-OH	16	25 g	Novabiochem	543-24-8	
acrylamide	bio lab	500 g	Acros	79-06-1	
Acrylamide Reagent Grade	Biolab dry	500g	Fisher	c 0-1065	
Acrylamide/bisacrylamide 30% solution	bio lab fridge	100 ml	Sigma		very toxic monomer
acrylic acid	15	500 g	Aldrich	79-10-7	
Acrylic Acid	15	250 ml	Acros	79-10-7	
acryloyl chloride	15	100 g	Aldrich	814-68-6	monomer
Activated Carbon	Biolab dry	1kg	Aldrich	7440-44-0	
Ac-Val-OH	16	5g	Nova Biochem	96-81-1	
Agar, Granulated	Biolab dry	500g	Fisher	9002-18-0	solidifying agent
Aldrithiol-2	15	1 g	Aldrich	2127-03-9	
Aldrithiol-2	15	5 g	Aldrich	2127-03-9	
Aldrithiol-4	15	1 g	Aldrich	2645-22-9	
AlexaFluor 35C	Biolab freezer	1mg	Molecular Probes	c A-30627	
ALIQUAT 336	13	250 mL	Aldrich	63393-96-4	

allyl alcohol	13	100 mL	Aldrich	107-18-6	
allyl amine	15	250 mL	Aldrich	107-11-9	
Allyl bromide	15	250 ml	Acros	106-95-6	
alpha2-chloroisodurene	13	5 g	Aldrich	1585-16-6	
alpha-bromoisobutyric acid	10	25 g	TCI		
alpha-bromo-p-toluic acid	10	5 g	Aldrich	6232-88-8	
alpha-methylstyrene	15	100 mL	Aldrich	98-83-9	
alpha-toluenethiol	15	100 g	Acros	100-53-8	thiols
aluminum oxide (basic)	3	1 kg	Acros	1344-28-1	
aluminum oxide (neutral)	6	1 kg	Acros	1344-28-1	50 -200 um
Amberlite® IRA-93	3	250 g	Polysciences	9036-92-4	Ion-exchange resin
aminoacetaldehyde diethyl acetal 99%	15	50 mL	Acros	645-36-3	
aminoacetaldehyde diethylacetal	15	50 ml	Acros	645-36-3	
Aminomethyl resin	16	25 g	Bachem		
ammonium acetate HPLCgrade	Biolab dry	500g	Fisher	631-61-8	
Ammonium bicarbonate 98%	Biolab dry	1kg	Acros	1066-33-7	
ammonium chloride	6	5 g	Aldrich	12125-02-9	
ammonium hydroxide	2	500 mL	EM Science		
ammonium hydroxide	2	500 mL	EM Science		
ammonium molybdate tetrahydrate	14	500 g	Acros	12054-85-2	
ammonium persulfate	15	100 g	Acros	7727-54-0	inorganics
Bacterial Viability Kit	Biolab freezer	1000 assays	Molecular Probes	c L7012	
benzimidazole	11	5 g	Aldrich	51-17-2	
Benzoyl Peroxide	15	50 g	Aldrich	94-26-0	oxidizers
Benzoyl Peroxide	15	50 g	Aldrich	94-26-0	oxidizers
benzyl amine	11	100 g	Aldrich		
benzyl amine	15	100 mL	Aldrich		
benzyl chloride	15	250 g	Acros	100-44-1	
Benzyl chloroformate tech 95%	Biolab freezer	100g	Aldrich	501-53-1	
benzyl methacrylate	15	250 mL	Aldrich	2495-37-6	monomer
benzyltrimethyl ammonium hydroxide	11	100 mL	Alfa Aesar	100-85-6	
biotin	15	1 g	Acros	58-85-5	
biotin	15	5 g	Sigma	58-85-5	
Bis(tributylstannyl)-acetylene (97 %)	13	5 g	Aldrich	994-71-8	
bis-acrylamide solution 2%	bio lab	250 mL	Fisher	110-26-9	
Boc-aminooxy acetic acid	15	5 g	Fluka		
Boc-aminooxy acetic acid	15	5 g	Fluka		
Boc-aminooxy acetic acid	15	5 g	Fluka		
Boc-Gly MBHA Resin	16	1g	Nova Biochem	Discontinued	
Boc-Lys-OH	16	5g	Fluka	13734-28-6	
Boc-pMe-PHE-OH	16	5 g	Bachem		amino acids
Boc-p-Me-Phe-OH	16	5 g	Bachem	80102-26-7	

Boc-serine-OH	16	25 g	Fluka	3262-72-4	amino acids
Boc-Ser-OH	16	1g	Nova Biochem	3262-72-4	
Boc-Tyr-OMe	16	25g	Bachem	4326-36-7	
borane-THF 1M	15	100 mL	Aldrich		inorganics
boron tribromide 1M in DCM	15	100 mL	Aldrich		inorganics
boron trifluoride	15	100 g	Acros	109-63-7	inorganics
brilliant blue R	bio lab	100 g	Acros	6104-59-2	
bromine	15	10 g	Sigma	7726-95-6	
bromoacetaldehyde diethyl acetal	15	100 mL	Acros	2032-35-1	
bromoacetic acid	10	250 g	Alfa Aesar	79-08-3	
bromobenzene	12	250 mL	Acros	108-86-1	
bromobenzene	13	100 mL			
Bromophenol Blue	bio lab dry	25 g	Acros	62625-28-9	
butyllithium 1.6 M in hexanes	15	100 mL	Aldrich		
butyraldehyde	15	100 mL	Aldrich	123-72-8	
Calcium Chloride Anhy 96%	Biolab dry	25g	Acros	10043-52-4	
calcium sulfate anhydrous	6	500 g	EM Science	7778-18-9	
Carbon tetrabromide (99%)	13	5 g	Aldrich	558-13-4	
Carbonyldiimidazole	13	10 g	Acros	530-62-1	
Carboxymethylamine hemihydrochloride	13	2.5 g	Acros	2921-14-14	
Carboxymethylamine hemihydrochloride	13	1 g	Acros	2921-14-14	
CDI	16	25 g	Novabiochem	530-62-1	
cerium (IV) sulfate	14	100 g	Acros	13590-82-4	
chlorobenzene	12	1 L	Aldrich	108-90-7	
Chlorotrimethylsilane	12	25 ml	Acros	25-77-4	
chlorotriphenylmethane	12	100 g	Alfa Aesar	76-83-5	
Cinnamoyl chloride	15	100g		102-92-1	
Cinnamoyl chloride	15	100g		102-92-1	
Cis-5-norborene-exo-2,3-dicarboxylic acid anhydride (9	13	5 g	Aldrich	2746-19-2	
cis-S-Norborine-exo-2,3-dicarboxylic anhydride (95%)	13	5 g	Aldrich	2746-19-2	
citric acid	7	2.5 kg	EM Science	5949-29-1	
Coomassie brilliant blue, G-250	Biolab dry	50g	Pierce	6104-58-1	
copper (nanopowder) 99.8%	14	25 g	Aldrich		
copper 99%	14	100 g	Aldrich		
Copper(I) bromide	17	10 g	Aldrich	7787-70-4	99.999%
Copper(I) chloride	17	50 g	Aldrich	7758-89-6	97%, Scintillation vial, 25 mL
Copper(II) bromide	17	100 g	Aldrich	7789-45-9	99%
Copper(II) chloride	17	10 g	Aldrich	7758-89-5	
Copper(II) sulfate	17	5 g	Acros	7758-98-7	
Copper(II) sulfate	17	5 g	Acros	7758-98-7	anhydrous, 98%, Scintillation vial, 25 mL
crystal mount (sample)	Biolab dry	sample	Biomedica	c M02	
Cysteamine (95 %)	15	5 g	Aldrich	60-23-1	

D(+)-10-camphorsulfonic anhydride)10	10	100 g	Acros	3144-16-9	
D-(+)-Glucosamine hydrochloride	17	100 g	Aldrich	66-84-2	98%
D-Cycloserine	16	5 g	CalBiochem		
DEAE-Sephace	3	500mL	Aldrich	9013-34-7	
DEAE-Sephace	3	500mL	Aldrich	9013-34-7	
di(ethylene glycol) methyl ether	13 (oversized)	1 l	Aldrich	111-773	
di(N-succinimidyl) carbonate	15	5 g	Fluka	74124-79-1	
Dibenzoyl peroxide, 75%	13	5 g	Acros	94-36-0	
diethyl amine (redistilled) 99.5%	11	100 mL	Aldrich		
Diisopropyl azodicarboxylate (94%)	13	25 g	Alfa Aesar	2446-83-5	
diisopropylamine	11	100 mL	Aldrich	38-646-4	
Dimethyl sulfide, anhydrous	13	100 mL	Aldrich	75-18-3	
dimethyl terephthalate	13	500 g	Aldrich	120-61-6	
Dimethylsilyl Polystyrene	16	5g	Nova Biochem	NA	
diphenyliodonium-9,10-dimethoxyanthracene-2-sulfonate	bio lab dry	1 g	Aldrich	137308-86-2	
disodium ethylenediamine tetraacetate	Biolab dry N-Z	500g	Fisher	6381-92-6	
ditertbutyl dicarbonate	15	25 g	Fluka	24424-99-5	
ditertbutyl dicarbonate, 97%	13	100 g	Aldrich	24424-99-5	
ditertbutyl dicarbonate, 97%	13	50 g	Aldrich	24424-99-5	
Dithiothreitol	15		Scintivial		Unlabeled vial
Dithiothreitol (DNAra, RNase, protein)	15	10 g	Acros	12/3/3483	
DL-1-amino-2-propanol	11	1 kg	acros	78-96-6	
DL-bromopropionic acid 98%	10	250 g	Acros	598-72-1	
DL-bromopropionic acid 98%	10	250 g	Acros	598-72-1	
DOWEX 50WX8-499 ion exchange resin	3	100 g	Sigma	69011-20-7	
drierite (calcium sulfate)	3	1 lb			
EDC	13	10 g	Aldrich	25952-53-8	
EnzChek Lysozyme assay kit (2)	Biolab freezer	400 assays	Molecular Probes	c E22013	
Ethanol amine, 98%	11	100 mL	Sigma	141-43-5	
Ethanol amine, 99%	11	1 L	Acros	141-43-5	
Ethanol amine, 99.5+%	11	100 mL	Aldrich	141-43-5	
ethanolamine 99%	11	1 L	Acros	141-43-5	
ethyl 2-bromo propionate	12	25 g	Aldrich	535-11-5	
ethyl levulinate 98%	13	100 g	Acros	539-88-8	
Ethyl levulinate, 98%	13	100 g	Acros	539-88-8	
ethyl-2-bromoisobutyrate 98%	12	100 g	Aldrich	600-00-0	
ethyl-2-chloropropionate 97%	12	25 mL	Aldrich	535-13-7	
ethyl-3-bromopropionate 99%	12	25 g	Aldrich	539-74-2	
Ethylene Carbonate	13	500 g	Aldrich	96-49-1	
ethylene glycol dimethacrylate 98%	15	500 mL	Aldrich	97-90-5	
ethylene glycol phenylether methacrylate	15	100 mL	Aldrich	10595-06-9	

Ethylenediamine tetraacetic acid diammonium salt	10	100g	Acros	20824-56-0
ethylenediaminetetraacetic acid 98%	Biolab dry N-Z	500g	Aldrich	c e2, 629-0
ethylenediaminetetraacetic acid 99%	Biolab dry A-F	1kg	Acros	60-00-4
ethylvinyl ether 99%	15	1 L	Acros	109-92-2
exo-3,6-epoxy-1,2,3,6-tetrahydrophthalic anhydride	13	100 g	Aldrich	6118-51-0
exo-3,6-epoxy-1,2,3,6-tetrahydrophthalic anhydride	13	100 g	Aldrich	6118-51-0
Fluorescamine, 98%	13	100 mg	Aldrich	
Fmoc-Ala-OH	16	5g	Nova Biochem	35661-39-3
Fmoc-Ala-OH	Biolab freezer	5g	Novabiochem	c 04-12-1006
Fmoc-Arg(Pbf)-OH	16	5g	Nova Biochem	154445-77-9
Fmoc-Arg(Pbf)-OH	16	5g	Nova Biochem	154445-77-10
Fmoc-Arg-(Pbf)-OH	16	5g	Nova Biochem	154445-77-9
Fmoc-Asn(Trt)-NovaSyn TGA	16	1 g	Novabiochem	
Fmoc-Asn(Trt)-OH	Biolab freezer	5g	Novabiochem	c 04-12-1089
Fmoc-Cys(Trt)-OH	16	5 g	Novabiochem	103213-32-7
Fmoc-Cys(Trt)-OH	16	5 g	Novabiochem	103213-32-7
Fmoc-Cys(Trt)-OH	16	5g	Nova Biochem	103213-32-7
Fmoc-Dap-OH	16	1g	Bachem	NA
Fmoc-D-Asp(OtBu)-OH	16	5g	Nova Biochem	112883-39-3
Fmoc-Gln(Trt)-OH	16	5g	Nova Biochem	132327-80-1
Fmoc-Glu(OtBu)-OH	16	5g	Nova Biochem	71989-18-9
Fmoc-His(Trt)-OH	16	5g	Nova Biochem	109425-51-6
Fmoc-Ile Wang Resin	16	1g	Nova Biochem	NA
Fmoc-Ile_OH	Biolab freezer	5g	Novabiochem	c 04-12-1024
Fmoc-Ile-OH	16	5 g	Novabiochem	71989-23-6
Fmoc-Leu-OH	Biolab freezer	25g	Novabiochem	c 04-12-1025
Fmoc-L-serine	16	5 g	Fluka	73724-45-5
Fmoc-Lys(Boc)-OH	16	5 g	Novabiochem	71989-26-9
Fmoc-Lys(Boc)-OH	16	25g	Nova Biochem	71989-26-9
Fmoc-Lys(Boc)-OH	16	5g	Nova Biochem	71989-26-9
Fmoc-Lys(Mca)-OH	Biolab freezer	1g	Novabiochem	c 04-12-1233
Fmoc-Lys-OH	16	5g	Nova Biochem	NA
Fmoc-Lys-OH	Biolab freezer	5g	Novabiochem	c 04-12-1042
Fmoc-Met-OH	16	5 g	Novabiochem	71989-28-1
Fmoc-Osu	16	25 g	Novabiochem	82911-69-1
Fmoc-Phe Wang Resin	16	1g	Nova Biochem	NA
Fmoc-Phe Wang Resin	16	1g	Nova Biochem	NA
Fmoc-Pro-OH	16	5 g	Novabiochem	71989-31-6
Fmoc-Pro-OH	16	5g	Nova Biochem	71989-31-6
Fmoc-Pro-OH	16	5g	Nova Biochem	71989-31-6
Fmoc-Ser(tBu)-OH	16	5g	Nova Biochem	71989-33-8
Fmoc-Ser(tBu)-OH	16	5g	Nova Biochem	71989-33-8

Fmoc-Ser-(t-Bu)-OH	16	5g	Nova Biochem	71989-33-8	
Fmoc-Ser-(Trt)-OH	16	5g	Nova Biochem	111061-56-4	
Fmoc-Ser-OH	Biolab freezer	25g	Bachem	B-1430.0025	
Fmoc-Thr(tBu)-OH	16	5g	Nova Biochem	71989-35-0	
Fmoc-Tyr(SO <sub>3</sub> H)-OH sodium salt	Biolab freezer	1g	Bachem	c B-2765	
Fmoc-Tyr(tBu)-OH	16	5g	Nova Biochem	71989-38-3	
Fmoc-Tyr(tBu)-OH	Biolab freezer	5g	Novabiochem	c 04-12-1037	
Fmoc-Tyr-OH	16	5g	Nova Biochem	92954-90-0	
Fmoc-Tyr-OH	16	5g	Nova Biochem	92954-90-0	
Fmoc-Tyr-OH	16	5g	Nova Biochem	92954-90-0	
Fmoc-Tyr-OH	16	5g	Nova Biochem	92954-90-0	
Fmoc-Val-OH	16	5g	Nova Biochem	68858-20-8	
Formaldehyde 37% wt, H <sub>2</sub> O	13	500 mL	Aldrich		Toxic
Formaldehyde 37% wt, H <sub>2</sub> O	13	500 mL	Aldrich		Toxic
Formic acid	10	500 mL	EM Science	64-18-6	
Formic acid	10	250 mL	Acros	64-18-6	
furan 99%	13	250 mL	Acros	110-00-9	
Furan 99%	13	250 mL	Acros	110-00-9	
gamma-aminobutyric acid	10	25 g	Aldrich	56-12-2	
Glycerine >99%	Biolab dry	1kg	Sigma	56-40-6	
Glycerol Enzyme Grade	Biolab dry	1L	Fisher	56-81-5	
Glycerol, reagent ACS (4)	Biolab dry	500mL	Acros	56-81-5	
Glycine methyl ester HCl	16	100g	Nova Biochem	5680-79-5	
Glyoxylic acid sodium salt monohydrate	11	10g	Fluka	2706-75-4	
Gly-Gly	16	25g	Nova Biochem	556-30-3	
Gly-Gly-Gly	16	5g	Sigma	556-33-2	
glyoxylic acid 95%	10	25 g	Pfaltz & Bauer	298-12-4	
glyoxylic acid 95%	10	25 g	Pfaltz & Bauer	298-12-4	
glyoxylic acid sodium salt monohydrate	11	10 g	Fluka	2706-75-4	
Glyoxylic acid sodium salt monohydrate	11	10 g	Fluka	2706-75-4	
Glyoxylic acid, monohydrate	10	25 g	Acros	563-96-2	
Glyoxylic acid, monohydrate	10	25 g	Pfaltz & Bauer	563-96-2	
Grubbs catalyst 1st gen.	15	1 g	Aldrich	172222-30-9	
HATU	16	5g	Nova Biochem	148893-10-1	
HBTU	16	100g	Nova Biochem	94790-37-1	
HBTU	16	100g	Nova Biochem	94790-37-1	
HBTU	16	25g	Nova Biochem	94790-37-1	
HEPES >99.5%	Biolab dry	100g	Sigma	7365-45-9	
hexadecyltrimethylammonium hydrogen sulfate	13	5 g	Fluka	68214-07-3	
hexadecyltrimethylammonium hydrogen sulfate	13	5 g	Fluka	68214-07-1	
Hexafluorobenzene	13	100 g	Aldrich	392-56-3	

hexafluorobenzene 99%	13	100 g	Aldrich	392-56-3	
Hexenoic acid	10	1 g	Aldrich	1577-22-6	
hexylamine	11	100 mL	Aldrich	111-26-2	
Hexylamine	11	100 mL	Aldrich	111-26-2	
H-Gly-2-CITrt Resin	16	1g	Nova Biochem	NA	
H-Gly-2-CITrt Resin	16	1g	Nova Biochem	NA	
H-Gly-2-CITrt Resin	16	1g	Nova Biochem	NA	
H-Gly-Ome-HCl	16	250 g	Bachem	5680-79-5	
H-Ile-Ome * HCl	17	5g	Nova Biochem	18598-74-8	
H-Leu-2-CITrt resin (2)	Biolab freezer	3 1g/ 1 5g	Novabiochem	c 04-12-2810	
H-Lys(Boc)-OMe * HCl	16	5g	Nova Biochem	2389-48-2	
HOBT	16	100g	Ana Spec Inc	NA	
HOBT-H2O	16	250 g	NovaBiochem	123333-53-9	
hydrazine hydrate	15	250 g	Aldrich		
hydrazine hydrate soln.	15	250 mL	Fluka	10217-52-4	
Hydrochloric acid	7	500 mL	Fisher		
Hydrochloric Acid, 37 wt%	7	2.5 L	Acros	7647-01-0	
Hydrogen Bromide 33% wt in acetic acid	7	100 mL	Aldrich		
Hydrogen Chloride, 2.0 M in diethyl ether	7	100 mL	Aldrich		
Hydrogen Chloride, 4.0 M 1,4-dioxane	7	100 mL	Aldrich		
hydrogen peroxide 30%	15	500 mL	Aldrich	7722-84-1	
Hydroquinone	13	100 g	Aldrich	123-31-9	
Hydroquinone, 99%	13	500 g	Fluka	123-31-9	
hydroxylamine hydrochloride	6	100 g	Fisher	5470-11-1	
Hydroxylamine hydrochloride	6	100 g	Fisher	5470-11-1	
Imidazole 99%	11	100 g	Aldrich	288-32-4	
iodine	6	25 g	EM Science	7-553-56-2	
Iodine	4	100 g	Aldrich	7553-56-2	
Iodo pentafluoro benzene	13	5 g	Aldrich	827-15-6	
iodomethane	15	5 g	Acros	74-88-4	reactive halides
iodopentafluorobenzene 99%	13	5 g	Aldrich	827-15-6	
iodotrimethylsilane	15	5 mL	ACros	16029-98-4	transition metal bin
Isopropyl-b-D-thiogalactoside (IPTG)	Biolab freezer	1g	FisherBiotech	367-93-1	
L(+)- Ascorbic acid	10	100 g	Matheson		
L-ARG-HCl	16	100 g	Sigma		amino acids
LB Broth, Lennox, Dehydrated	Biolab dry	500g	Fisher		
levulinic acid	10	100 g	Fluka	123-76-2	
Levulinic acid	10	100 g	Fluka	123-76-2	
Lithium bromide	6	500 g	Fisher	7550-35-8	
Lithium bromide	6	500 g	Fisher	7550-35-8	
Lithium chloride	17	5 g	Aldrich	7447-41-8	ACS reagent, ≥99%, Scinti
L-Serine	16	5g	Nova Biochem	1145-80-8	

L-tyrosine	16	5 g	Aldrich	60-18-4	amino acids
Lysozyme frmchickeneggwhites	Biolab freezer	1g	Sigma	12650-88-3	
Magnesium Sulfate Anhy	Biolab dry	500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	500g	Aldrich	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	1500g	EM Science	7487-88-9	
Magnesium Sulfate Anhydrous	6	500g	Aldrich	7487-88-9	
magnesium sulufate	6	500 g	EM Science		anhydrous
Magnesium turnings	14	100g	Strem Chemicak	7439-95-4	
Magnesium turnings	14	100g	Strem Chemicak	7439-95-4	
Maleic Anhydride	13	25g	Acros	108-31-6	
Maleic Anhydride	13	25g	Acros	108-31-6	
Maleimide	13	25g	Aldrich	541-59-3	
Maleimide	13	25g	Aldrich	541-59-3	
methacrylic acid	10	1L	Acros	79-41-4	monomer
methacrylic acid	10	1L	Acros	79-41-4	monomer
Methacrylic Acid, stab, 99.5%	10	1 L	Acros	75-41-4	monomer (Acid)
Methacryloyl chloride 97% (2)	Biolab freezer	100mL	Aldrich	920-46-7	
methacryoyl chloride (97%)	16	100 mL	Aldrich	920-46-7	
methacryoyl chloride (97%)	16	100 mL	Aldrich	920-46-7	
Methanol	9	4 L	Fisher	67-56-1	
Methanol	9	4 L	Fisher	67-56-1	
methoxyamine hydrochloride	bio lab dry	5 g	Alfa Aesar	593-56-6	
Methyl acrylate	15	250 mL	Aldrich	96-33-3	
Methyl methacrylate	15	500 mL	Aldrich	80-62-6	monomer
Methyl Orange	3	1oz	Merck		
Methyl Orange	3	1oz	Merck		
Methylene blue	3	1L	LabChem Inc	7732-18-5	
Methylene blue	3	1L	LabChem Inc	7732-18-5	
Micrococcus lysodeikticus	Biolab freezer	5g	Sigma	c M3770-5G	
Molecular sieves 4A	3	500g	Acros	70955-01-0	
Molecular sieves 4A	3	500g	Acros	70955-01-0	
Molecular sieves, Powder	3	500g	Acros	70955-01-0	
Molecular sieves, Powder	3	500g	Acros	70955-01-0	
MOPS (Dnase, Rnase, Protease free)	bio lab dry	100 g	Acros	1132-61-2	
Myoglobin HorseHeart 90%	Biolab freezer	250mg	Sigma	100684-32-0	

N-(2-aminoethyl)maleimide trifluoroacetate salt	13	1 g	Fluka	n/a	
N-(2-hydroxyethyl)methacrylamide	15	25 g	monomer polymer lat	5238-56-2	
N-(9H)-fluoren-2-ylmethoxycarbonylmethoxy)succinimide(Fmoc-Osu)	15	5 g	Ac	82911-69-1	
N,N,N', N'-tetramethylene diamine	15	5 g	Acros	110-18-9	TMEDTA
N,N,N',N',N''-Pentamethyldiethylenetriamine	11	250mL	Aldrich	3030-47-5	
N,N,N',N',N''-Pentamethyldiethylenetriamine	11	250mL	Aldrich	3030-47-5	
N,N'-dicyclohexylcarbodiimide	13	500 g	Aldrich	538-75-0	DCC
N,N'-dicyclohexylcarbodiimide	13	100 g	Aldrich	538-75-0	DCC
N,N-diisopropylethylamine	11	500 mL	Aldrich	55-0043	
N,N-dimethylacrylamide, 99%	15	100 mL	Aldrich	2680-03-7	monomer
N,N-Dimethylformamide	9	4 L	Fisher		
N,N-Dimethylformamide	9	4 L	Fisher		
N,N-Dimethylformamide	9	4 L	Fisher		
N-acetyl-D-glucosamine	15	50 g	Avocado	n/a	keep cold
N-Acetyl-L-cysteine	16	25 g	Acros	616-91-1	
N-aminooxyacetyl)-N'-D-biotinyl hydrazine trifluoroacetic acid salt	Biolab freezer	10mg	Invitrogen	c A-10550	
Natriumacetate trihydrate	Biolab dry	1kg	Acros	6131-90-4	very hygroscopic
N-Boc-1,3-propane diamine-HCl	13	5 g	Acros	127346-48-9	
N-Boc-hydroxyl amine	15	5 g	Alfa Aesar	36016-38-3	
N-bromo-succinimide 99%	12	100 g	Acros		
Neopentyl Alcohol	13	100g	Aldrich	75-84-3	
Neopentyl Alcohol	13	100g	Aldrich	75-84-3	
Neopentyl Alcohol	13	100g	Aldrich	75-84-3	
Neopentyl Alcohol	13	100g	Aldrich	75-84-3	
N-hydroxyphthalimide	13	5 g	Aldrich	524-38-9	
N-hydroxyphthalimide	13	100 g	Aldrich	524-38-9	
N-hydroxyphthalamide 97%	13	5 g	Aldrich	524-38-9	
N-Hydroxysuccinimide	13	100 g	Aldrich	6066-82-6	
Nickel (II) acetate tetrahydrate	14	250g	Fluka		
Nickel (II) acetate tetrahydrate	14	250g	Fluka		
Nickel (II) sulfate heptahydrate	14	250g	Fluka		
Nickel (II) sulfate heptahydrate	14	250g	Fluka		
Nickel(II) chloride hexahydrate	17	5 g	Aldrich	7791-20-0	99.9%
Ninhydrin reagent (2 % solution)	15	100 mL	Aldrich		
Ninhydrin spray	3	240mL	Acros		
Ninhydrin spray	3	240mL	Acros		
N-isopropylacrylamide	15	100g	Acros	2210-25-5	monomer
nitric acid	7	2.5 L	EM Science		
N-methoxycarbonylmaleimide	15	5 g	Aldrich	55750-48-6	

N-O-bis(trimethyl silyl)-acetamide	15	100 mL	Aldrich		silanes
Nonfat drymilk fortified w/ vitamin D	Biolab dry	725g	Kroger		
NovaSyn TG Amino Resin	16	1g	Nova Biochem		
NovaSyn TG Hydroxy Resin	16	5g	Nova Biochem	NA	
NovaSyn TGA Resin	16	5g	Nova Biochem	NA	
NovaSyn TGR Resin	16	5g	Nova Biochem	NA	
O-Benzylhydroxylamine-HCl (99.7 %)	13	25 g	Aldrich	2687-43-6	
Oleic acid, sodium salt, 98%	15	1 g	Aldrich	143-19-1	
Oxalyl chloride, 90%	15	1 kg	Alfa Aesar	79-37-8	
Palladium(II) acetate	17	2 g	Aldrich	3375-31-3	reagent grade, 98%
Paraformaldehyde	13	500g	Alfa Aesar	30525-89-4	
Paraformaldehyde	13	500g	Alfa Aesar	30525-89-4	
Patassium Permanganate	6	500g	EM Science	7722-64-7	
Patassium Permanganate	6	500g	EM Science	7722-64-7	
Penicillin-Streptomycin	Biolab freezer	100mL	Gibco	c 15140-122	
Penta (ethylene glycol)	13	5g	Aldrich	4792-15-8	
Penta (ethylene glycol)	13	5g	Aldrich	4792-15-8	
Pentafluorophenol	13	10g	Acros	771-61-9	
Pentafluorophenol	13	10g	Acros	771-61-9	PMDETA
peroxide test	15		EM Science		peroxides
phosphomolybdic acid 20% in EtOH	15	100 ml	Aldrich		
phosphorous pentachloridie	15	50 g	Fluka		
phosphorous tribromide	15	100 mL	Aldrich		
piperidine	11	1 L	Spectrum		
Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane complex	15	5 g	Aldrich		
(solution in hexanes 2 % Pt)					
poly-(2-hydroxyethyl) methacrylate	15	5 g	Aldrich	25249-16-5	
Poly(4-vinyl pyridine), 20% cross linked	11	50g	Aldrich	9017-40-7	
Poly(4-vinyl pyridine), 20% cross linked	11	50g	Aldrich	9017-40-7	
Poly(ethylene glycol) dimethacrylate	15	250 mL	Aldrich	25852-47-5	
Poly(ethylene glycol) dimethacrylate	15	250 mL	Aldrich	25852-47-5	monomers
Poly(ethylene glycol) dimethacrylate	15	500 mL	Aldrich	25852-47-5	monomer
Poly(ethylene glycol) dimethyl ether acrylate	15	250 mL	Aldrich	32171-39-4	monomers
Poly(ethylene glycol) methacrylate	15	500 mL	Aldrich		monomer
Poly(ethylene glycol) methyl ether methacrylate	15	500 mL	Aldrich	26915-72-0	monomer
Poly(ethylene glycol) methyl ether, Mn~350	5	500g	Aldrich		
Poly(ethylene glycol) methyl ether, Mn~350	5	500g	Aldrich		
Poly(ethylene glycol) methyl ether, Mn~750	13	500g	Acros	9004-74-4	
Poly(ethylene glycol) methyl ether, Mn~750	13	500g	Acros	9004-74-4	
Poly(ethylene glycol) monomethyl ether	13	250g	Fluka	9004-74-4	
Poly(ethylene glycol) monomethyl ether	13	250g	Fluka	9004-74-4	

Poly(ethylene glycol), Mn~300	13	1L	Acros	25322-68-3	
Poly(ethylene glycol), Mn~300	13	1L	Acros	25322-68-3	
Poly(sodium-4-styrene sulfonate)	13	100g	Aldrich	25764-18-1	
Poly(sodium-4-styrene sulfonate)	13	100g	Aldrich	25764-18-1	
Poly-D-Lysine Hydrobromide	Biolab freezer	5mg	Sigma	27964-99-4	
Polyethylene glycol Mn~400	13	500g	Aldrich	25322-68-3	
Polyethylene glycol Mn~400	13	500g	Aldrich	25322-68-3	
Porous Boilingchips	3	8oz	Fisher		
Porous Boilingchips	3	8oz	Fisher		
Potassium Bicarbonate x 2	5	500g	Sigma	298-14-6	
Potassium Bicarbonate x 2	5	500g	Sigma	298-14-6	
Potassium bromide, ultradry	5	25g	Alfa Aesar	7758-02-03	
Potassium bromide, ultradry	5	25g	Alfa Aesar	7758-02-03	
potassium carbonate	5	500 g	Fisher		
potassium carbonate	5	500 g	Fisher		
Potassium carbonate, Anhydrous	5	500g	EMD	584-08-7	
Potassium carbonate, Anhydrous	5	500g	EMD	584-08-7	
Potassium chloride	5	500g	EM Science	7447-40-7	
Potassium chloride	5	500g	EM Science	7447-40-7	
Potassium Chloride	bio lab dry	500 g	EMD Chemicals	7447-40-7	
Potassium hexacyanoferrate (III)	14	100g	Fluka	13746-66-2	
Potassium hexacyanoferrate (III)	14	100g	Fluka	13746-66-2	
Potassium Hydroxide, pellets	5	5kg	Fisher	1310-58-3	
Potassium Hydroxide, pellets	5	5kg	Fisher	1310-58-3	
Potassium Iodide	6	500g	Acros	7681-11-0	
Potassium Iodide	6	500g	Acros	7681-11-0	
Potassium phosphate dibasic	bio lab dry	500 g	EM Science	7758-11-4	
propylene glycol monomethyl ether	13	1 L	Aldrich	108-65-6	oversized
Propylene oxide, Reagent Plus, 99%	13	500 mL	Aldrich	75-56-9	
<i>p</i> -toluenesulfonic acid monohydrate	10	5 g	Aldrich	6192-52-5	ACS reagent, ≥98.5%
<i>p</i> -toluenesulfonic acid monohydrate	10	100 g		619-52-5	
<i>p</i> -toluenesulfonyl chloride	12	100 g	Aldrich	98-59-9	99+%
<i>p</i> -toluenesulfonyl chloride	12	100 g	Aldrich	98-59-9	
Purpald	3	5g	Aldrich	1750-12-5	
Purpald	3	5g	Aldrich	1750-12-5	
PyBOP	16	25 g	Novabiochem	128625-52-5	
PyBOP	16	5 g	Novabiochem	128625-52-5	
pyridine	11	100 mL	EM Science	110-86-1	
pyridine	11	500 mL	EM Science		
pyridine	11	100 mL	Sigma	110-86-1	
Pyridinium chlorochromate	4	100g	Fluka		
Pyridinium chlorochromate	4	100g	Fluka		

pyridoxal 5' phosphate hydrate	Biolab freezer	1g	Sigma	853645-22-4	
pyridoxal 5' phosphate monohydrate	Biolab freezer	5g	Fluka	41468-25-11	
rhodium acetate dimer		15	Acros		very small vial
Sea sand		3	Fisher	14808-60-7	
Sea sand		3	Fisher	14808-60-7	
silicon oil		3	Fisher		
silicon oil		3	Fisher		
Silver nitrate		6	Aldrich	7761-88-8	ACS reagent, ≥99.0%
sodium acetate		6	Aldrich	127-09-3	
Sodium acetate		11	Aldrich	127-09-3	ACS reagent, ≥99.0%
sodium azide	bio lab dry	500 g	Acros	26628-22-8	aka: Natriumazid
sodium bicarbonate		5	EM Science		
Sodium bicarbonate		6	EM Science	144-55-8	
sodium bicarbonate	bio lab dry	2.5 kg	EM Science	144-55-8	
Sodium bicarbonate	Biolab dry	1g	EM Science		
Sodium borohydride		17	Aldrich	16940-66-2	ReagentPlus®, 99%
Sodium bromide		6	Fisher	7647-15-6	Certified A.C.S.
Sodium carbonate monohydrate		6	EM Science	5968-11-6	
Sodium chloride		6	Aldrich	7647-14-5	ACS reagent, ≥99.0%
Sodium Chloride	bio lab dry	3 kg	Fisher	7647-14-5	
Sodium cyanoborohydride		1	Aldrich	25895-60-7	steel can, rgt grade, 95%
sodium glyoxylate monohydrate 95%		11	Aldrich	2706-75-4	
Sodium glyoxylate monohydrate		11	Fluka	2706-75-4	purum, ≥99.0% (NT)
sodium hydroxide		5	EM Science		
Sodium iodide		6	EM Science	7681-82-5	
Sodium Lauryl Sulfate	bio lab dry	500 g	Fisher	151-21-3	
Sodium nitrate		6	Fisher	7631-99-4	Certified A.C.S. Crystal
Sodium nitrite		6	Alfa Aesar	7632-00-0	98%
sodium phosphate dibasic-5H <sub>2</sub> O	bio lab	2.5 kg	EM Science		
Sodium phosphate, monobasic, monohydrate	bio lab dry	500 g	EM Science	10049-21-5	
Sodium sulfate		6	Fisher	7757-82-6	anhydrous, powder
Sodium sulfite		6		7757-83-7	Scintillation vial, 25 mL
Sodium thiosulfate		6		7772-98-7	Scintillation vial, 25 mL
Sodiumtriacetoxylborohydride		17			Na(OAc) <sub>3</sub> BH
styrene		15			
styrene		15	Aldrich	100-42-5	
Sulfur		13	MC/B	7704-34-9	sublimed, powder
Sulfur		13	MC/B	7704-34-9	sublimed, powder
sulfur trioxide		15	Acros	26412-87-3	
Sulfuric acid		7	Fisher	7664-93-9	
t-Butanol		13	Aldrich	75-65-0	anhydrous, >99.5%
tert-butanol		13	Aldrich		
tertbutyl 2,2,2-trichloroacetamidate		15	Aldrich	98946-18-0	

tertbutyl 2,2,2-trichloroacetamidate	15	5 g	Aldrich	98946-18-0	
tertbutyl 2,2,2-trichloroacetamidate	15	5 g	Aldrich	98946-18-0	
tertbutyl 2,2,2-trichloroacetamidate	15	5 g	Aldrich	98946-18-0	
tertbutyl 2,2,2-trichloroacetamidate	15	5 g	Aldrich	98946-18-0	
tertbutyl acrylate	15	100 mL	Aldrich	1663-39-4	
tertbutyl-N-hydroxy carbamate	13	5 g	Aldrich		
Tetrabutylammonium hydrogen sulfate	17	25 g	Aldrich	32503-27-8	98%
Tetraethylene glycol	13	1 L	Acros	112-60-7	≥95%
tetraethylene glycol monomethyl ether	15	25 g	Acros	23783-42-8	
tetraethyleneglycol monomethyl ether	13	5 g	Aldrich	23783-42-8	98%
tetrahydrofuran	9	4 L	Fisher	109-99-9	
tetrahydrofuran	9	4 L	Fisher	109-99-9	
tetrahydrofuran	9	4 L	Fisher	109-99-9	
tetrahydrofuran	9	4 L	Fisher	109-99-9	
tetrahydrofuran	9	4 L	Fisher	109-99-9	
tetrahydrofuran	9	4 L	Fisher	109-99-9	
tetrahydrofuran	8	1L	EM Science	109-99-9	
tetrahydrofuran (drysolve)	8	1L	EMD	109-99-9	
tetramethylammonium iodide	13	25 g	Aldrich	75-58-1	99%
tetramethylammonium iodide	13	25 g	Aldrich	75-58-1	99%
tetramethylammonium iodide	13	25 g	Aldrich	75-58-1	99%
tetrapropylammonium perruthenate	15	250 mg	Aldrich	114615-82-6	oxidizers/organics
thiolacetic acid	15	100 g	Acros	507-09-5	
thiolacetic acid	15	5 g	Aldrich	507-09-5	thiols
thiolacetic acid	15	5 g	Aldrich	507-09-5	thiols
Thiolactic Acid	16	100 mL	MP Biomedicals	79-42-5	Solid, Freezer
Toluene	9	4 L	Acros	108-88-3	
Toluene	9	4 L	Acros	108-88-3	
triarylsulfonium hexafluorophosphate	10	25 mL	Aldrich		photoacid generator
tributyl vinyl tin	15	5 g	Aldrich	7486-35-3	
tributylamine	11	250 mL	Aldrich	102-82-9	
Triethoxysilane	13	50 mL	Aldrich	998-30-1	95%
triethyl silane	15	5 g	Aldrich	617-86-7	
triethylamine	11	1 L	Acros	121-44-8	
triethyleneglycol	13	1 L	EM Science	112-27-6	oversized
triethyleneglycol monomethyl ether	13	2 L	Aldrich	112-35-6	oversized
triflic anhydride	15	5 g	Aldrich	358-23-6	
Trifluoroacetic acid	7	500 g	Fisher	76-05-1	
Trifluoroacetic acid	7	500 g	Fisher	76-05-1	liquid
trifluoromethanesulfonic anhydride	10	5 g	Aldrich	358-23-6	
trimethyl orthoformate	13	500 mL	Aldrich	149-73-5	99%
trioctyl silane	15	25 mL	Aldrich	18765-09-8	

trioctyl silane	15	5 mL	Aldrich	18765-09-8	
triphenylphosphine	13	25 g	Fluka	603-35-0	white solid
triphenylphosphine	13	100 g		603-35-0	
triphenylphosphine, polymer-bound	13	5 g	Aldrich	39319-11-4	~3.0 mmol/g loading
triphenylsulfonium triflate	bio lab dry	1 g	Aldrich	66003-78-9	foil
Tris(2-aminoethyl)amine	11	100 mL	Acros	4097-89-6	96%
tris(2-aminoethyl)amine	11	100 ml	Aldrich	22-563-0	
Tris(2-carboxyethyl)phosphine hydrochloride	Biolab freezer	1g	Acros	51805-45-9	
Tris(hydroxymethyl)aminomethane	11	1 kg	Acros	77-86-1	biochemical grade p.a.
Tris(hydroxymethyl)aminomethane (Dnase, Rnase, protease free)	bio lab dry	1 kg	Acros	77-86-1	
Tris(triphenylphosphine)rhodium(I) chloride	17	1 g	Aldrich	14694-95-2	99.99%
trisacryl GF05 M	15	100 mL	Sigma		
Tryptone	bio lab dry	500 g	Oxord	n/a	
TWEEN 20	bio lab dry	250 ml	Acros	9005-64-5	liquid in dry cabinet
Urea	bio lab dry	500 g	EMD Chemicals	57-13-6	
Urea	bio lab dry	500 g	EMD Chemicals	57-13-6	
Urea	bio lab dry	500 g	EMD Chemicals	57-13-6	
Urea, certified ACS	bio lab dry	3 kg	Fisher	57-13-6	
V50	15	25 g	Wako		azo initiaitor
VA-044	15	50 g	Wako	27776-21-2	azo initiaitor
Viability/Cytotoxicity kit mammalian cells	Biolab freezer	1 kit	Invitrogen		
Wang Resin	16	5g	Nova Biochem	NA	
Y7 Broth (2)	Biolab dry	500g	Fisher		
yeast extract	Biolab dry	500g	Oxoid		
Lipase B	bio lab fridge	50 mg	biochemica		10.9U/mg