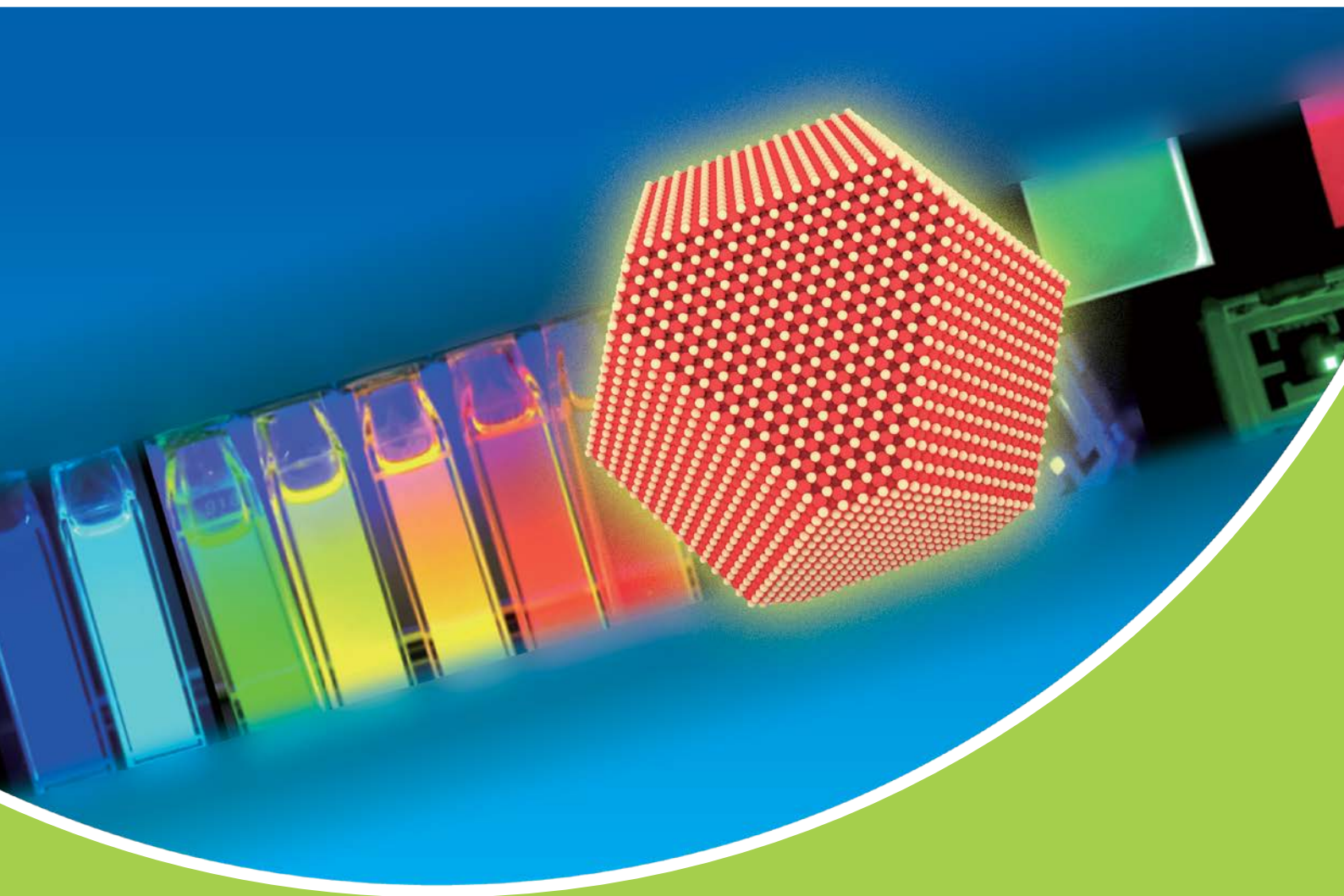


Colloidal Quantum Dot (QD) Research Reagents



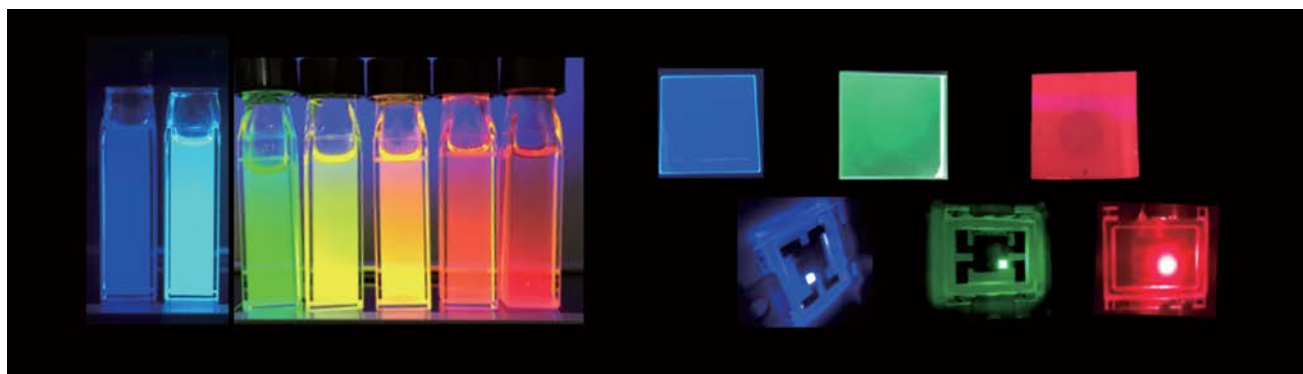
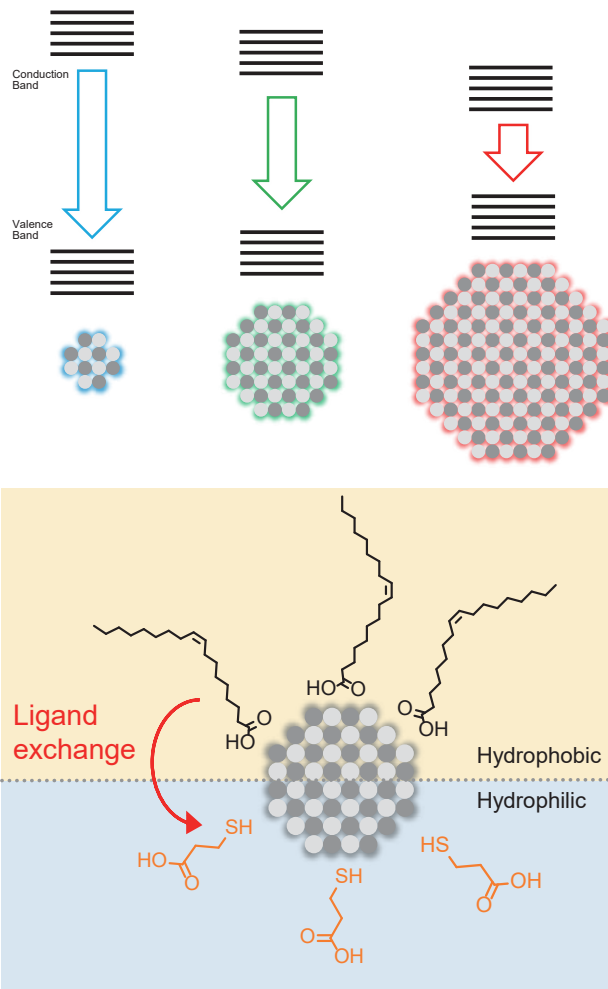
Capping Agents

Synthetic Reagents

Colloidal Quantum Dot (QD) Research Reagents

Quantum dots (QDs) are nanocrystals composed of inorganic semiconductors, which can tune their band gaps by controlling the size of particles (quantum confinement effect). While QD possesses interesting optical property such as a sharp luminescence and a broad absorption, it can disperse in many kinds of solvents by introducing a proper organic capping ligand on the surface. The colloidal QD has attracted great attention and has been studied for various application fields such as light-emitting device, photovoltaic device, as well as biological imaging.

The capping ligand can also provide an additional property and/or processability to colloidal QD, and not only determine the dispersibility. For example, the passivation of dangling-bond on the QD surface increases the photoluminescence quantum efficiency, and di-substituted capping ligands can crosslink the thin film of QD. Long alkyl chain capping ligands such as oleic acid and oleylamine, which have high dispersibility, are often used during the synthesis step. Then, the ligand exchange to other functional capping materials can take place in the solution or in thin film state.



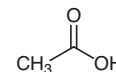
(This picture is provided from Asst. Prof. Takayuki Chiba.)

Capping Agents

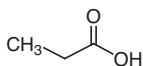
Carboxylic Acids

Linear Saturated Carboxylic Acids

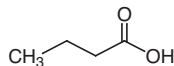
A2035 300mL

Acetic Acid
CAS RN: 64-19-7

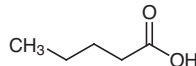
P0500 25mL 500mL

Propionic Acid
CAS RN: 79-09-4

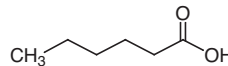
B0754 25mL 500mL

Butyric Acid
CAS RN: 107-92-6

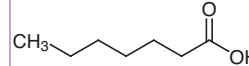
V0003 25mL 500mL

Valeric Acid
CAS RN: 109-52-4

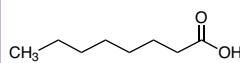
H0105 25mL 500mL

Hexanoic Acid
CAS RN: 142-62-1

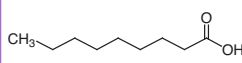
H0030 25mL 500mL

Heptanoic Acid
CAS RN: 111-14-8

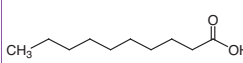
O0027 25mL 500mL

n-Octanoic Acid
CAS RN: 124-07-2

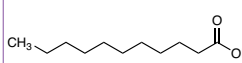
P0952 25mL 100mL 500mL

Nonanoic Acid
CAS RN: 112-05-0

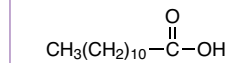
D0017 25g 400g

Decanoic Acid
CAS RN: 334-48-5

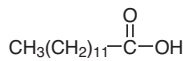
U0004 25g 250g

Undecanoic Acid
CAS RN: 112-37-8

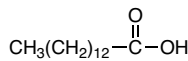
L0011 25g 500g

Lauric Acid
CAS RN: 143-07-7

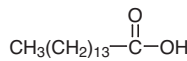
T0412 25g 500g

Tridecanoic Acid
CAS RN: 638-53-9

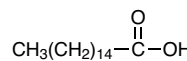
M0476 25g 500g

Myristic Acid
CAS RN: 544-63-8

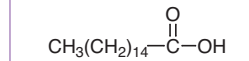
P0035 25g 100g 500g

Pentadecanoic Acid
CAS RN: 1002-84-2

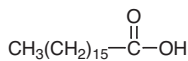
P0002 25g 500g

Palmitic Acid (>97.0%)
CAS RN: 57-10-3

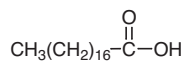
P1145 5g

Palmitic Acid (>99.5%)
CAS RN: 57-10-3

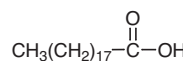
H0019 25g 100g 500g

Heptadecanoic Acid
CAS RN: 506-12-7

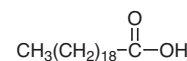
S0163 25g 500g

Stearic Acid
CAS RN: 57-11-4

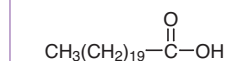
N0283 10g 25g

Nonadecanoic Acid
CAS RN: 646-30-0

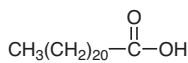
E0006 1g 25g

Arachidic Acid
CAS RN: 506-30-9

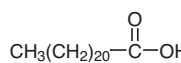
H0010 1g 10g

Heneicosanoic Acid
CAS RN: 2363-71-5

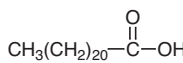
D0963 25g 500g

Behenic Acid (>80.0%)
CAS RN: 112-85-6

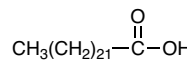
B1248 5g 25g

Behenic Acid (>95.0%)
CAS RN: 112-85-6

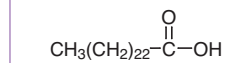
B1747 5g

Behenic Acid (>99.0%)
CAS RN: 112-85-6

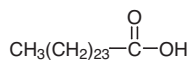
T0402 1g 10g

Tricosanoic Acid
CAS RN: 2433-96-7

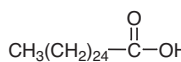
T0076 1g 5g 25g

Lignoceric Acid
CAS RN: 557-59-5

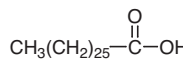
P0882 1g 5g

Pentacosanoic Acid
CAS RN: 506-38-7

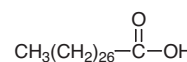
C0829 1g 10g

Cerotic Acid
CAS RN: 506-46-7

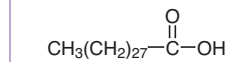
H0971 100mg 1g 5g

Heptacosanoic Acid
CAS RN: 7138-40-1

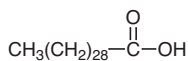
M1342 100mg

Octacosanoic Acid
CAS RN: 506-48-9

N0662 1g 5g

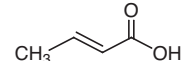
Nonacosanoic Acid
CAS RN: 4250-38-8

M0595 100mg 1g 5g

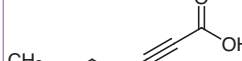
Melissaic Acid
CAS RN: 506-50-3

Linear Unsaturated Carboxylic Acids

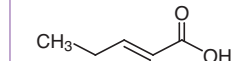
C0416 25g 100g

Crotonic Acid
CAS RN: 107-93-7

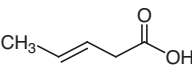
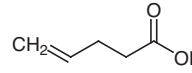
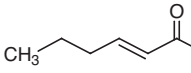
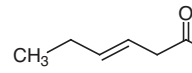
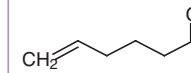
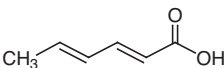
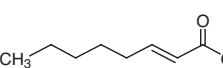
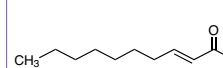
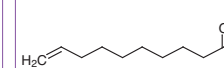
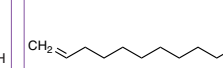
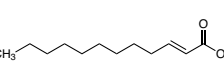

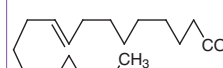
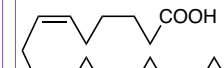

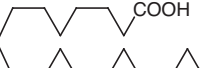
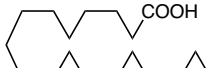





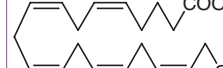

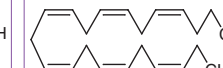
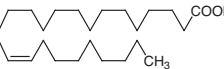
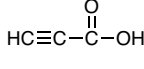
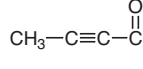
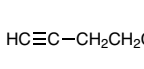
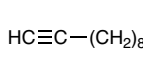
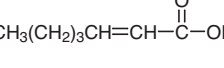
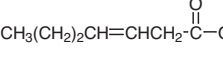
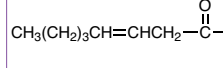
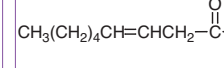
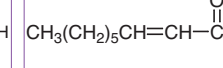
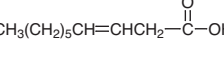
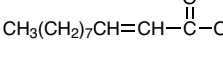
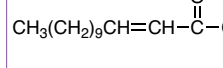
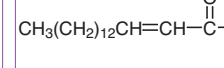
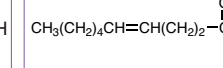
H0664 1mL

2-Heptynoic Acid
CAS RN: 1483-67-6

P0345 5mL 25mL

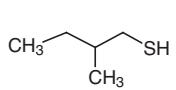
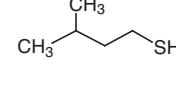
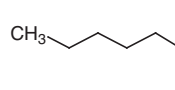
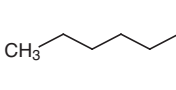
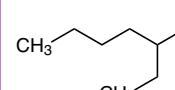
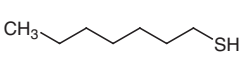
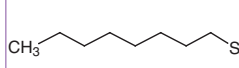
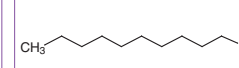
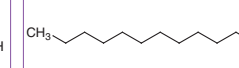
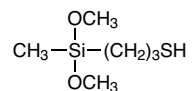
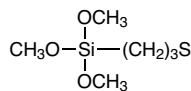
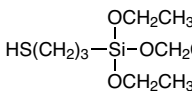

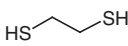
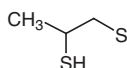
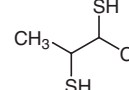
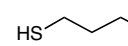
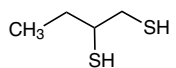
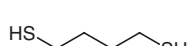
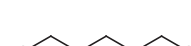
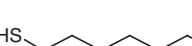
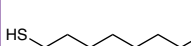
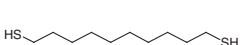
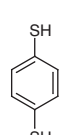
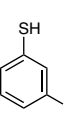
trans-2-Pentenoic Acid
CAS RN: 13991-37-2

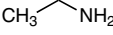
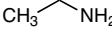
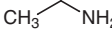
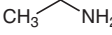
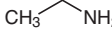
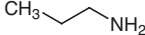
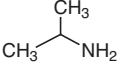
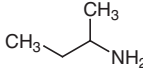
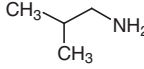
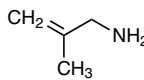

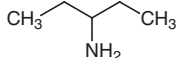
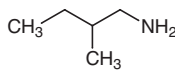
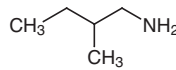
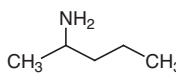
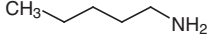
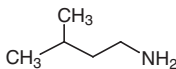
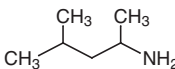
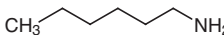
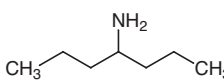
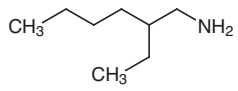
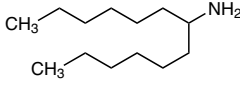
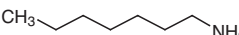
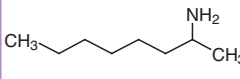
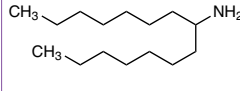
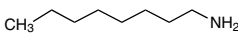
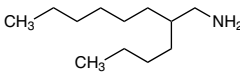
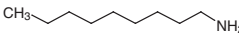
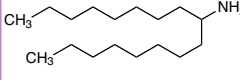
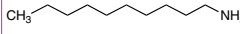
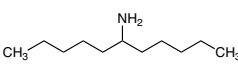
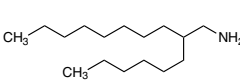
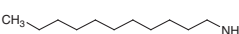
Colloidal Quantum Dot (QD) Research Reagents

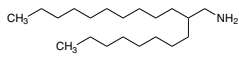
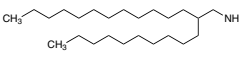
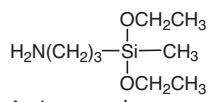
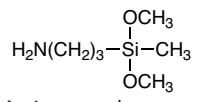
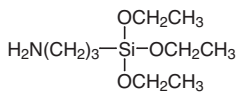
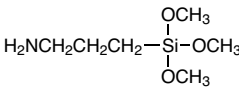
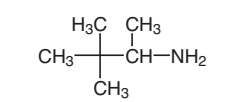
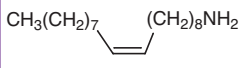
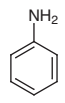
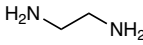
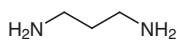
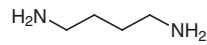
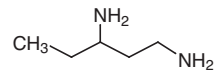
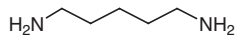
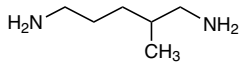
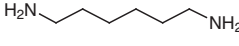
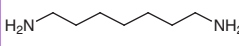
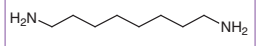
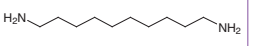
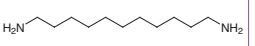
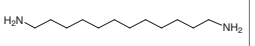
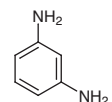
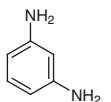
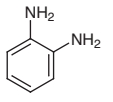
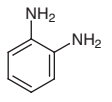
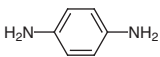
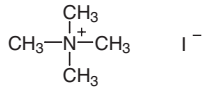
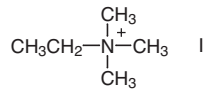
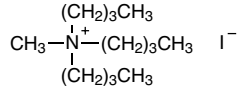
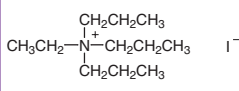
<p>P1072 5mL 25mL</p>  <p><i>trans</i>-3-Pentenoic Acid CAS RN: 1617-32-9</p>	<p>P0645 25mL 100mL</p>  <p>4-Pentenoic Acid CAS RN: 591-80-0</p>	<p>H0383 25g 250g</p>  <p><i>trans</i>-2-Hexenoic Acid CAS RN: 13419-69-7</p>	<p>H0077 25g</p>  <p><i>trans</i>-3-Hexenoic Acid CAS RN: 1577-18-0</p>	<p>H0875 5g 25g</p>  <p>5-Hexenoic Acid CAS RN: 1577-22-6</p>
<p>S0053 25g 500g</p>  <p>Sorbic Acid CAS RN: 110-44-1</p>	<p>O0004 10mL</p>  <p><i>trans</i>-2-Octenoic Acid CAS RN: 1871-67-6</p>	<p>D0098 5mL 25mL</p>  <p><i>trans</i>-2-Decenoic Acid CAS RN: 334-49-6</p>	<p>D1932 5mL 25mL</p>  <p>9-Decenoic Acid CAS RN: 14436-32-9</p>	<p>U0007 25g 400g</p>  <p>10-Undecenoic Acid CAS RN: 112-38-9</p>
<p>D5660 250mg 1g</p>  <p><i>trans</i>-2-Dodecenoic Acid CAS RN: 32466-54-9</p>	<p>H0072 100mg 1g</p>  <p>Palmitoleic Acid CAS RN: 373-49-9</p>	<p>O0010 5g 25g</p>  <p>Elaidic Acid CAS RN: 112-79-8</p>	<p>O0009 1g</p>  <p>Petroselinic Acid CAS RN: 593-39-5</p>	<p>O0011 25mL 500mL</p>  <p>Oleic Acid (>85.0%) CAS RN: 112-80-1</p>
<p>O0180 5mL 25mL</p>  <p>Oleic Acid (>99.0%) CAS RN: 112-80-1</p>	<p>L0053 25mL 100mL 500mL</p>  <p>Linoleic Acid (>85.0%) CAS RN: 60-33-3</p>	<p>L0124 5g 25g</p>  <p>Linoleic Acid (>97.0%) CAS RN: 60-33-3</p>	<p>L0050 25mL</p>  <p>Linolenic Acid CAS RN: 463-40-1</p>	<p>L0152 100mg 1g</p>  <p>γ-Linolenic Acid CAS RN: 506-26-3</p>
<p>E0640 10mg 50mg</p>  <p>Dihomo-γ-linolenic Acid CAS RN: 1783-84-2</p>	<p>A0781 100mg 500mg</p>  <p>Arachidonic Acid CAS RN: 506-32-1</p>	<p>E0441 100mg 500mg</p>  <p>EPA CAS RN: 10417-94-4</p>	<p>D0965 25g 100g</p>  <p>Erucic Acid CAS RN: 112-86-7</p>	<p>D2226 100mg</p>  <p>DHA CAS RN: 6217-54-5</p>
<p>T1642 1g</p>  <p><i>cis</i>-15-Tetracosenoic Acid CAS RN: 506-37-6</p>	<p>P0497 5g 25g</p>  <p>Propiolic Acid CAS RN: 471-25-0</p>	<p>T1199 1g 5g 25g</p>  <p>Tetrolic Acid CAS RN: 590-93-2</p>	<p>H0882 5g 25g</p>  <p>5-Hexynoic Acid CAS RN: 53293-00-8</p>	<p>U0054 1g 5g</p>  <p>10-Undecynoic Acid CAS RN: 2777-65-3</p>
<p>H0426 5mL</p>  <p>2-Heptenoic Acid (contains 3-Heptenoic Acid) CAS RN: 18999-28-5</p>	<p>H0427 5mL 25mL</p>  <p>3-Heptenoic Acid CAS RN: 29901-85-7</p>	<p>O0070 5mL</p>  <p>3-Octenoic Acid CAS RN: 1577-19-1</p>	<p>N0312 1mL 5mL</p>  <p>3-Nonenoic Acid CAS RN: 4124-88-3</p>	<p>N0426 25mL</p>  <p>2-Nonenoic Acid CAS RN: 3760-11-0</p>
<p>D1186 5mL</p>  <p>3-Decenoic Acid CAS RN: 15469-77-9</p>	<p>U0032 5g</p>  <p>2-Undecenoic Acid CAS RN: 4189-02-0</p>	<p>T0759 5g 25g</p>  <p>2-Tridecenoic Acid CAS RN: 6969-16-0</p>	<p>H0428 1g 5g</p>  <p>2-Hexadecenoic Acid CAS RN: 629-56-1</p>	<p>D4449 5mL 25mL</p>  <p>4-Decenoic Acid CAS RN: 26303-90-2</p>

H0667 100mg $\text{CH}_3(\text{CH}_2)_{11}\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-\text{C}(=\text{O})\text{OH}$ 2,4-Heptadecadiynoic Acid CAS RN: 64034-02-2	N0515 100mg $\text{CH}_3(\text{CH}_2)_{13}-\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-\text{C}(=\text{O})\text{OH}$ 2,4-Nonadecadiynoic Acid CAS RN: 76709-55-2	H0668 100mg $\text{CH}_3(\text{CH}_2)_{15}\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-\text{C}(=\text{O})\text{OH}$ 2,4-Heneicosadiynoic Acid CAS RN: 69288-33-1	H0775 100mg $\text{CH}_3(\text{CH}_2)_9-\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-(\text{CH}_2)_8-\text{C}(=\text{O})\text{OH}$ 10,12-Heptadecadiynoic Acid CAS RN: 28393-06-8	P1030 100mg 1g $\text{CH}_3(\text{CH}_2)_{11}-\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-(\text{CH}_2)_8-\text{C}(=\text{O})\text{OH}$ 10,12-Pentacosadiynoic Acid CAS RN: 66990-32-7
H0666 100mg 500mg $\text{CH}_3(\text{CH}_2)_{13}-\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-(\text{CH}_2)_8-\text{C}(=\text{O})\text{OH}$ 10,12-Heptacosadiynoic Acid CAS RN: 67071-94-7	N0514 100mg $\text{CH}_3(\text{CH}_2)_{15}-\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-(\text{CH}_2)_8-\text{C}(=\text{O})\text{OH}$ 10,12-Nonacosadiynoic Acid CAS RN: 66990-34-9	R0027 25mL 500mL $\text{CH}_3(\text{CH}_2)_5-\text{CH}(\text{OH})-\text{CH}=\text{CH}-(\text{CH}_2)_7-\text{C}(=\text{O})\text{OH}$ Ricinoleic Acid CAS RN: 141-22-0	Branched Carboxylic Acids	
M0182 25mL 500mL $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ Isovaleric Acid CAS RN: 503-74-2	M0543 25g 100g 500g $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}=\text{CH}-\text{C}(=\text{O})\text{OH}$ 3-Methylcrotonic Acid CAS RN: 541-47-9	M0181 25mL 500mL $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ DL-2-Methylbutyric Acid CAS RN: 116-53-0	T0246 25g 100g 500g $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}=\text{CH}-\text{C}(=\text{O})\text{OH}$ Tiglic Acid CAS RN: 80-59-1	M3188 1g 5g $\text{CH}_2=\text{CH}-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 2-Methyl-3-butenic Acid CAS RN: 53774-20-2
E0070 25mL 500mL $\text{CH}_3-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ 2-Ethylbutyric Acid CAS RN: 88-09-5	M0569 10g $\text{CH}_3-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ 3-Methylvaleric Acid CAS RN: 105-43-1	M0610 25mL 500mL $\text{CH}_3-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ 2-Methylvaleric Acid CAS RN: 97-61-0	M0750 25mL $\text{CH}_3-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ 4-Methylvaleric Acid CAS RN: 646-07-1	M1143 10mL $\text{CH}_2=\text{CH}-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 2-Methyl-4-pentenoic Acid CAS RN: 1575-74-2
M0268 5mL 25mL $\text{CH}_3-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}=\text{CH}-\text{C}(=\text{O})\text{OH}$ 4-Methyl-2-pentenoic Acid (stabilized with HQ) CAS RN: 10321-71-8	M0947 5mL 25mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 2-Methylhexanoic Acid CAS RN: 4536-23-6	E0120 25mL 500mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 2-Ethylhexanoic Acid CAS RN: 149-57-5	M1142 5mL 25mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 5-Methylhexanoic Acid CAS RN: 628-46-6	M1265 5g 25g $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 2-Methylheptanoic Acid CAS RN: 1188-02-9
M2048 5g $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 4-Methyl-n-octanoic Acid CAS RN: 54947-74-9	M2380 5mL 25mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 4-Methylnonanoic Acid CAS RN: 45019-28-1	H0507 25mL 100mL 500mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ 2-Hexyldecanoic Acid CAS RN: 25354-97-6	I0184 25g 500g $\text{CH}_3-\text{C}(\text{CH}_3)_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{C}(\text{CH}_3)_2-\text{C}(=\text{O})\text{OH}$ Isostearic Acid CAS RN: 54680-48-7	M0784 5g 25g $\text{CH}_3\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})\text{OH}$ 2-Methyl-2-pentenoic Acid CAS RN: 3142-72-1
H0837 1g $\text{CH}_3(\text{CH}_2)_{15}-\text{CH}_2-\text{C}(=\text{O})\text{OH}$ 2-Hexadecylstearic Acid CAS RN: 89547-15-9	Thiols		Monothiols	
A0777 25mL $\text{CH}_2=\text{CH}-\text{CH}_2-\text{SH}$ Allyl Mercaptan CAS RN: 870-23-5	P0489 25mL 500mL $\text{CH}_3-\text{CH}(\text{SH})-\text{CH}_3$ 2-Propanethiol CAS RN: 75-33-2	M0404 25mL 500mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{SH}$ Isobutyl Mercaptan CAS RN: 513-44-0	M2141 25g $\text{CH}_3-\text{CH}(\text{SH})-\text{CH}_2-\text{CH}_3$ 3-Methyl-2-butanethiol CAS RN: 2084-18-6	B0685 25mL 500mL $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{SH}$ 1-Butanethiol CAS RN: 109-79-5

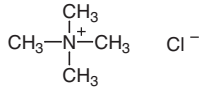
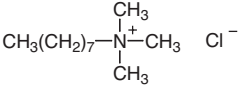
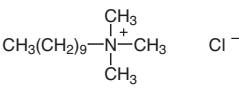
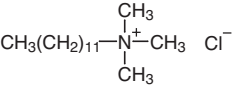
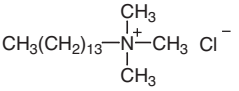
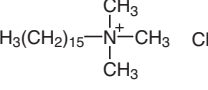
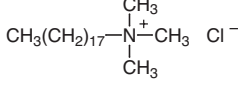
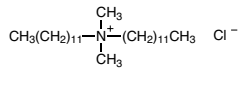
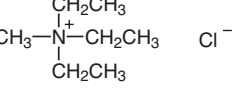
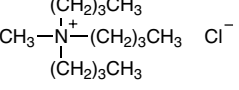
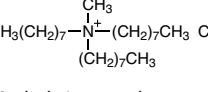
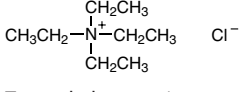
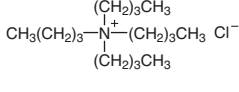
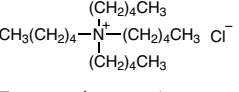
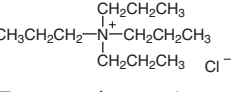
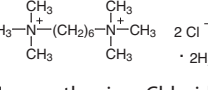
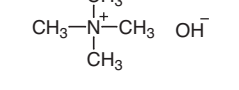
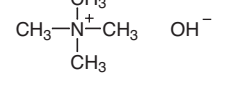
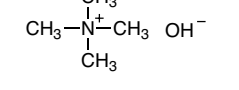
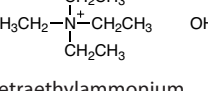
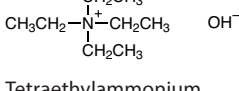
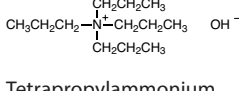
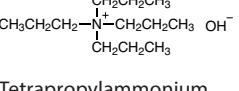
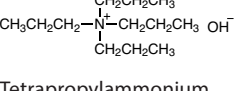
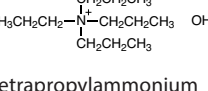
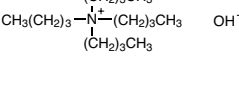
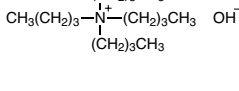
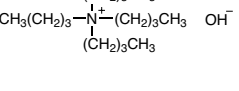
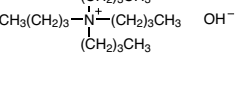
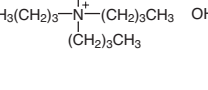
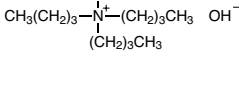
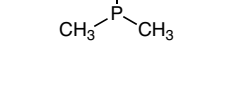
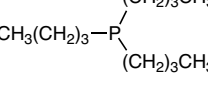
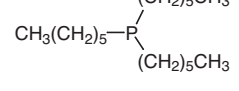
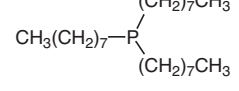
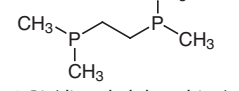
Colloidal Quantum Dot (QD) Research Reagents

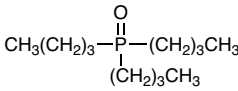
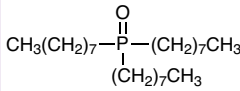
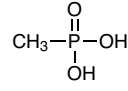
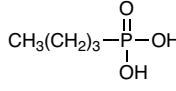
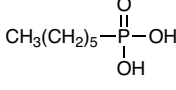
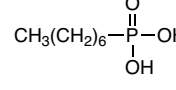
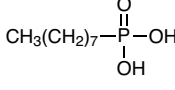
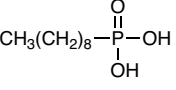
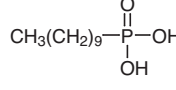
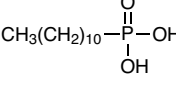
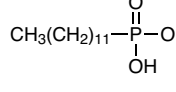
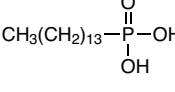
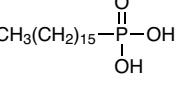
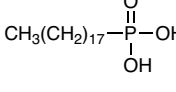
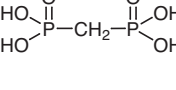
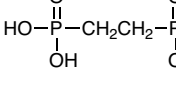
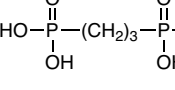
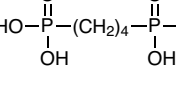
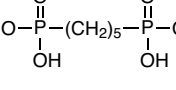
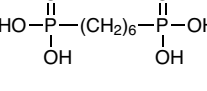
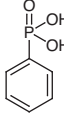
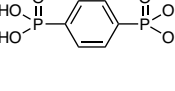
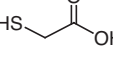
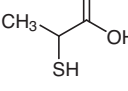
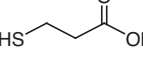
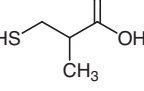
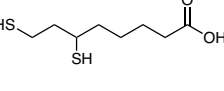
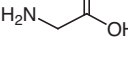
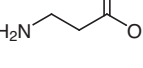
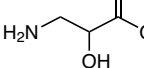
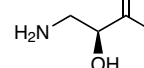
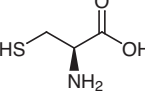
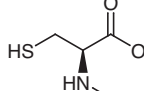
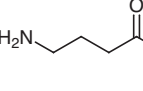
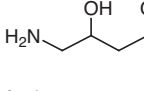
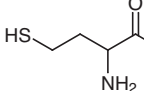
M1041 5g  2-Methyl-1-butanethiol CAS RN: 1878-18-8	I0149 25mL 250mL  Isoamyl Mercaptan CAS RN: 541-31-1	P0053 25mL 500mL  1-Pentanethiol CAS RN: 110-66-7	H0103 25mL 500mL  Hexyl Mercaptan CAS RN: 111-31-9	E1031 25g 100g  2-Ethyl-1-hexanethiol CAS RN: 7341-17-5
H0029 10g 25g  1-Heptanethiol CAS RN: 1639-09-4	O0025 25mL 500mL  1-Octanethiol CAS RN: 111-88-6	D0016 25mL 100mL 500mL  1-Decanethiol CAS RN: 143-10-2	U0066 5mL  1-Undecanethiol CAS RN: 5332-52-5	D0970 25mL 500mL $\text{CH}_3(\text{CH}_2)_{11}\text{SH}$ 1-Dodecanethiol CAS RN: 112-55-0
T0082 25mL $\text{CH}_3(\text{CH}_2)_{13}\text{SH}$ 1-Tetradecanethiol CAS RN: 2079-95-0	P0836 10mL $\text{CH}_3(\text{CH}_2)_{14}\text{SH}$ 1-Pentadecanethiol CAS RN: 25276-70-4	H0068 25mL 500mL $\text{CH}_3(\text{CH}_2)_{15}\text{SH}$ 1-Hexadecanethiol CAS RN: 2917-26-2	O0005 25g 400g $\text{CH}_3(\text{CH}_2)_{17}\text{SH}$ 1-Octadecanethiol CAS RN: 2885-00-9	E0832 5g $\text{CH}_3(\text{CH}_2)_{19}\text{SH}$ 1-Eicosanethiol CAS RN: 13373-97-2
D3905 5g $\text{CH}_3(\text{CH}_2)_{21}\text{SH}$ 1-Docosanethiol CAS RN: 7773-83-3	M1323 25mL  3-Mercaptopropyl(dimethoxy)-methylsilane CAS RN: 31001-77-1	M0928 25mL 100mL 500mL  (3-Mercaptopropyl)-trimethoxysilane CAS RN: 4420-74-0	M1505 25g 100g 500g  (3-Mercaptopropyl)-triethoxysilane CAS RN: 14814-09-6	B0041 25mL 100mL 500mL  Benzenethiol CAS RN: 108-98-5
Dithiols				
E0032 25g 100g 500g  1,2-Ethanedithiol CAS RN: 540-63-6	P0821 5mL 25mL  1,2-Propanedithiol CAS RN: 814-67-5	B2888 5g 25g  2,3-Butanedithiol CAS RN: 4532-64-3	P0763 25mL 100mL  1,3-Propanedithiol CAS RN: 109-80-8	
B4071 5g  1,2-Butanedithiol CAS RN: 16128-68-0	B0829 5mL 25mL  1,4-Butanedithiol CAS RN: 1191-08-8	P1518 5g  1,5-Pentanedithiol CAS RN: 928-98-3	H0334 25g  1,6-Hexanedithiol CAS RN: 1191-43-1	O0374 1g 5g  1,8-Octanedithiol CAS RN: 1191-62-4
D0015 25g  1,10-Decanedithiol CAS RN: 1191-67-9	B1505 1g 5g  1,4-Benzenedithiol CAS RN: 624-39-5	B4371 1g 5g  1,3-Benzenedithiol CAS RN: 626-04-0	Amines, Hydrazines	
M1016 500mL CH_3NH_2 Methylamine (40% in Methanol, ca. 9.8mol/L) CAS RN: 74-89-5	M0137 25mL 500mL CH_3NH_2 Methylamine (ca. 40% in Water, ca. 12mol/L) CAS RN: 74-89-5	M2108 100mL 500mL CH_3NH_2 Methylamine (ca. 7% in Tetrahydrofuran, ca. 2mol/L) CAS RN: 74-89-5	M2323 100mL CH_3NH_2 Methylamine (ca. 9% in Ethanol, ca. 2mol/L) CAS RN: 74-89-5	M2324 100mL 500mL CH_3NH_2 Methylamine (ca. 9% in Isopropyl Alcohol, ca. 2mol/L) CAS RN: 74-89-5
Monoamines				

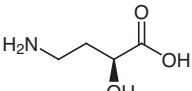
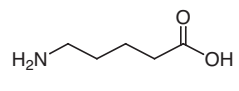
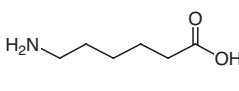
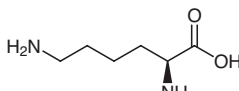
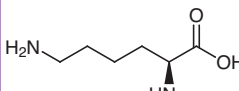
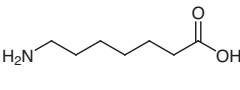
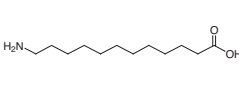
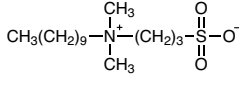
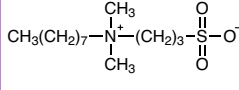
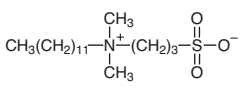
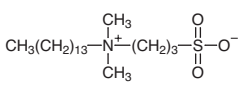
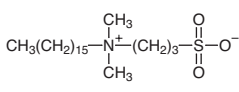
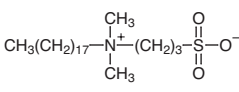
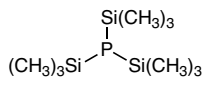
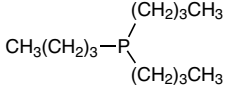
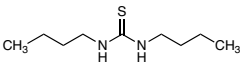
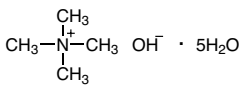
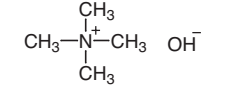
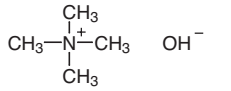
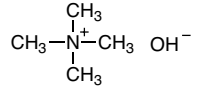
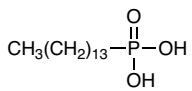
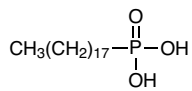
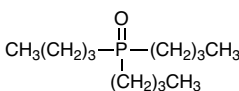
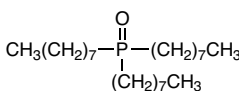
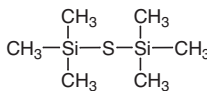
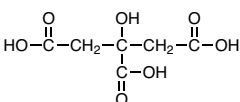
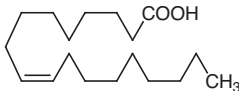

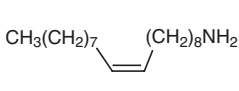
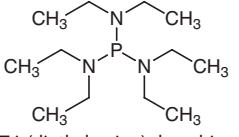
E0817 100mL  Ethylamine (30-40% in Ethanol) CAS RN: 75-04-7	E0531 100mL  Ethylamine (30-40% in Methanol) CAS RN: 75-04-7	E0842 100mL  Ethylamine (ca. 10% in Tetrahydrofuran, ca. 2mol/L) CAS RN: 75-04-7	E0055 25mL 500mL  Ethylamine (ca. 33% in Water, ca. 6.7mol/L) CAS RN: 75-04-7	E0246 25mL 500mL  Ethylamine (ca. 70% in Water, ca. 12mol/L) CAS RN: 75-04-7
P0520 25mL 500mL  Propylamine CAS RN: 107-10-8	I0165 25mL 500mL  Isopropylamine CAS RN: 75-31-0	B0708 25mL 500mL  sec-Butylamine CAS RN: 13952-84-6	I0095 25mL 500mL  Isobutylamine CAS RN: 78-81-9	M2726 1mL 5mL  2-Methylallylamine CAS RN: 2878-14-0
B0707 25mL 500mL  Butylamine CAS RN: 109-73-9	A1115 25mL 100mL  3-Aminopentane CAS RN: 616-24-0	M0767 5mL 25mL  2-Methylbutylamine (contains 3-Methylbutylamine) CAS RN: 96-15-1	M1263 5mL 25mL  2-Methylbutylamine CAS RN: 96-15-1	A1102 25mL  2-Aminopentane CAS RN: 63493-28-7
A0445 25mL 100mL 500mL  Amylamine CAS RN: 110-58-7	I0082 25mL 100mL 500mL  Isoamylamine CAS RN: 107-85-7	D0694 5mL  1,3-Dimethylbutylamine CAS RN: 108-09-8	H0134 25mL 100mL 500mL  Hexylamine CAS RN: 111-26-2	H0637 10mL 25mL  4-Heptylamine CAS RN: 16751-59-0
E0126 25mL 100mL 500mL  2-Ethylhexylamine CAS RN: 104-75-6	T3591 1mL 5mL  Tridecan-7-amine CAS RN: 22513-16-2	H0045 25mL 500mL  Heptylamine CAS RN: 111-68-2	M0337 1g  2-Aminooctane CAS RN: 693-16-3	P2543 1mL 5mL  8-Pentadecanamine CAS RN: 18618-64-9
O0045 25mL 500mL  n-Octylamine CAS RN: 111-86-4	B5550 1mL 5mL  2-Butyl-n-octan-1-amine CAS RN: 217655-07-7	N0297 5mL 25mL  Nonylamine CAS RN: 112-20-9	H1640 1mL 5mL  Heptadecan-9-amine CAS RN: 3241-20-1	D0033 25mL 100mL 500mL  1-Aminodecane CAS RN: 2016-57-1
U0094 1mL 5mL  6-Undecanamine CAS RN: 33788-00-0	H1634 1mL 5mL  2-Hexyldecane-1-amine CAS RN: 62281-05-4	A0761 10mL  Undecan-1-amine CAS RN: 7307-55-3	D0980 25g 400g $\text{CH}_3(\text{CH}_2)_{11}\text{NH}_2$ Dodecylamine CAS RN: 124-22-1	A0762 10g 25g $\text{CH}_3(\text{CH}_2)_{12}\text{NH}_2$ 1-Aminotridecane CAS RN: 2869-34-3
T0090 25g 400g $\text{CH}_3(\text{CH}_2)_{13}\text{NH}_2$ Tetradecylamine CAS RN: 2016-42-4	A0763 5g 10g $\text{CH}_3(\text{CH}_2)_{14}\text{NH}_2$ 1-Aminopentadecane CAS RN: 2570-26-5	H0074 25g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{NH}_2$ Hexadecylamine CAS RN: 143-27-1	A0764 10g $\text{CH}_3(\text{CH}_2)_{16}\text{NH}_2$ 1-Aminoheptadecane CAS RN: 4200-95-7	O0014 25g 500g $\text{CH}_3(\text{CH}_2)_{17}\text{NH}_2$ Stearylamine CAS RN: 124-30-1

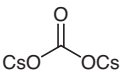
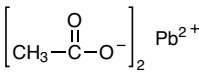
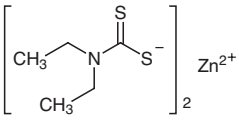
<p>A0765 10g</p> <p>$\text{CH}_3(\text{CH}_2)_{18}\text{NH}_2$</p> <p>1-Aminononadecane CAS RN: 14130-05-3</p>	<p>O0435 1g</p>  <p>2-<i>n</i>-Octyl-1-dodecylamine CAS RN: 62281-06-5</p>	<p>D5359 1mL 5mL</p>  <p>2-Decyltetradecan-1-amine CAS RN: 62281-07-6</p>	<p>D1980 25mL 100mL 500mL</p>  <p>3-Aminopropyl-diethoxymethylsilane CAS RN: 3179-76-8</p>	<p>A2628 25mL 100mL</p>  <p>3-Aminopropyl-dimethoxymethylsilane CAS RN: 3663-44-3</p>		
<p>A0439 25g 100g 500g</p>  <p>APTS CAS RN: 919-30-2</p>	<p>T1255 25mL 100mL 500mL</p>  <p>3-Aminopropyltrimethoxysilane CAS RN: 13822-56-5</p>	<p>A0656 10mL 25mL</p>  <p>3,3-Dimethyl-2-butylamine CAS RN: 3850-30-4</p>	<p>P0911 5mL 25mL</p> <p>$\text{HC}\equiv\text{C}-\text{CH}_2\text{NH}_2$</p> <p>Propargylamine CAS RN: 2450-71-7</p>	<p>O0059 25mL 100mL 500mL</p>  <p>Oleylamine CAS RN: 112-90-3</p>		
<p>A0463 500g</p>  <p>Aniline CAS RN: 62-53-3</p>	<p>Diamines</p>		<p>E0077 25mL 500mL</p>  <p>Ethylenediamine Anhydrous CAS RN: 107-15-3</p>	<p>D0114 25mL 500mL</p>  <p>1,3-Diaminopropane CAS RN: 109-76-2</p>	<p>D0239 25g 400g</p>  <p>1,4-Diaminobutane CAS RN: 110-60-1</p>	
<p>D2252 25mL 500mL</p>  <p>1,3-Diaminopentane CAS RN: 589-37-7</p>	<p>D0108 5mL 25mL</p>  <p>1,5-Diaminopentane CAS RN: 462-94-2</p>	<p>M0205 25mL 500mL</p>  <p>2-Methyl-1,5-diaminopentane CAS RN: 15520-10-2</p>	<p>D0095 25g 500g</p>  <p>1,6-Diaminohexane CAS RN: 124-09-4</p>	<p>D0094 5g 25g</p>  <p>1,7-Diaminoheptane CAS RN: 646-19-5</p>		
<p>D0107 25g 100g</p>  <p>1,8-Diaminooctane CAS RN: 373-44-4</p>	<p>D0085 25g 100g</p>  <p>1,10-Diaminodecane CAS RN: 646-25-3</p>	<p>D2075 1g 5g</p>  <p>1,11-Diaminoundecane CAS RN: 822-08-2</p>	<p>D0091 25g 100g 500g</p>  <p>1,12-Diaminododecane CAS RN: 2783-17-7</p>	<p>H0697 10g 100g</p> <p>H_2NNH_2</p> <p>Hydrazine Anhydrous CAS RN: 302-01-2</p>		
<p>H1676 2mL</p> <p>H_2NNH_2</p> <p>Hydrazine Anhydrous (2mL Vial) CAS RN: 302-01-2</p>	<p>P1892 25g 500g</p>  <p>1,3-Phenylenediamine CAS RN: 108-45-2</p>	<p>P1911 25g 250g</p>  <p>1,3-Phenylenediamine CAS RN: 108-45-2</p>	<p>P0168 25g 100g 500g</p>  <p>1,2-Phenylenediamine CAS RN: 95-54-5</p>	<p>P0968 25g</p>  <p>1,2-Phenylenediamine (Absorbance(450nm): <0.010) CAS RN: 95-54-5</p>		
<p>P0170 25g 250g</p>  <p>1,4-Phenylenediamine CAS RN: 106-50-3</p>	<p>Hydrazines</p>		<p>H0172 25mL 500mL</p> <p>$\text{H}_2\text{NNH}_2 \cdot \text{H}_2\text{O}$</p> <p>Hydrazine Monohydrate CAS RN: 7803-57-8</p>	<p>H0204 25g 500g</p> <p>$\text{H}_2\text{NNH}_2 \cdot \text{H}_2\text{O}$</p> <p>Hydrazine Monohydrate (79%) CAS RN: 7803-57-8</p>	<p>Ammonium Salts</p>	
<p>Ammonium Iodides</p>		<p>T0139 25g 100g 500g</p>  <p>Tetramethylammonium iodide CAS RN: 75-58-1</p>	<p>E0190 25g</p>  <p>Ethyltrimethylammonium iodide CAS RN: 51-93-4</p>	<p>T3692 5g 25g</p>  <p>Tributylmethylammonium iodide CAS RN: 3085-79-8</p>	<p>E0191 25g</p>  <p>Ethyltripropylammonium iodide CAS RN: 15066-80-5</p>	

T0172 25g 100g $\text{CH}_3\text{CH}_2\text{CH}_2\text{-N}^+\text{(CH}_2\text{CH}_2\text{CH}_3)_3\text{I}^-$ Tetrapropylammonium iodide CAS RN: 631-40-3	T0057 25g 100g 500g $\text{CH}_3(\text{CH}_2)_3\text{-N}^+\text{(CH}_2)_3\text{CH}_3\text{I}^-$ Tetrabutylammonium iodide CAS RN: 311-28-4	T1011 5g 25g $\text{CH}_3(\text{CH}_2)_4\text{-N}^+\text{(CH}_2)_4\text{CH}_3\text{I}^-$ Tetraamylammonium iodide CAS RN: 2498-20-6	T1010 5g 25g $\text{CH}_3(\text{CH}_2)_5\text{-N}^+\text{(CH}_2)_5\text{CH}_3\text{I}^-$ Tetrahexylammonium iodide CAS RN: 2138-24-1	T1396 25g $\text{CH}_3(\text{CH}_2)_6\text{-N}^+\text{(CH}_2)_6\text{CH}_3\text{I}^-$ Tetraheptylammonium iodide CAS RN: 3535-83-9	
T1155 5g $\text{CH}_3(\text{CH}_2)_7\text{-N}^+\text{(CH}_2)_7\text{CH}_3\text{I}^-$ Tetra- <i>n</i> -octylammonium iodide CAS RN: 16829-91-7	D4124 5g $\text{CH}_3(\text{CH}_2)_{17}\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{17}\text{CH}_3\text{I}^-$ Dimethyldioctadecylammonium iodide CAS RN: 7206-39-5	D1315 5g 25g $\text{CH}_3\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{10}\text{-N}^+(\text{CH}_3)_2\text{CH}_3\text{2I}^-$ Decamethonium iodide CAS RN: 1420-40-2	Ammonium Bromides		
T2762 25g $\text{CH}_3\text{CH}_2\text{CH}_2\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Trimethylpropylammonium Bromide CAS RN: 2650-50-2	B5798 5g 25g $\text{CH}_3(\text{CH}_2)_3\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Butyltrimethylammonium Bromide CAS RN: 2650-51-3	H0534 25g 500g $\text{CH}_3(\text{CH}_2)_5\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Hexyltrimethylammonium Bromide CAS RN: 2650-53-5	O0163 25g 500g $\text{CH}_3(\text{CH}_2)_7\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ <i>n</i> -Octyltrimethylammonium Bromide CAS RN: 2083-68-3	T2734 5g $\text{CH}_3(\text{CH}_2)_8\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Trimethylnonylammonium Bromide CAS RN: 1943-11-9	
D1467 25g 500g $\text{CH}_3(\text{CH}_2)_9\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Decyltrimethylammonium Bromide CAS RN: 2082-84-0	D1468 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{11}\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ DTAB CAS RN: 1119-94-4	T0906 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{13}\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ MTAB CAS RN: 1119-97-7	H0081 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Hexadecyltrimethylammonium Bromide CAS RN: 57-09-0	H1307 5g $\text{CH}_3(\text{CH}_2)_{16}\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ Heptadecyltrimethylammonium Bromide CAS RN: 21424-24-8	
S0364 25g $\text{CH}_3(\text{CH}_2)_{17}\text{-N}^+(\text{CH}_3)_3\text{Br}^-$ OTAB CAS RN: 1120-02-1	D0721 25g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{-N}^+(\text{CH}_3)_2\text{CH}_2\text{CH}_3\text{Br}^-$ Ethylhexadecyldimethylammonium Bromide CAS RN: 124-03-8	H0989 5g 25g $\text{CH}_3(\text{CH}_2)_{17}\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_5\text{CH}_3\text{Br}^-$ Hexyldimethyloctylammonium Bromide CAS RN: 187731-26-6	D2754 5g 25g $\text{CH}_3(\text{CH}_2)_7\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_7\text{CH}_3\text{Br}^-$ Dimethyldioctylammonium Bromide CAS RN: 3026-69-5	D2363 5g 25g $\text{CH}_3(\text{CH}_2)_9\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_9\text{CH}_3\text{Br}^-$ Didecyl dimethylammonium Bromide CAS RN: 2390-68-3	
D1974 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{11}\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{11}\text{CH}_3\text{Br}^-$ Dilauryldimethylammonium Bromide CAS RN: 3282-73-3	D2355 25g 500g $\text{CH}_3(\text{CH}_2)_{13}\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{13}\text{CH}_3\text{Br}^-$ Dimethyldimyristylammonium Bromide CAS RN: 68105-02-2	D2354 25g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{15}\text{CH}_3\text{Br}^-$ Dimethyldipalmitylammonium Bromide CAS RN: 70755-47-4	D1975 25g 250g $\text{CH}_3(\text{CH}_2)_{17}\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{17}\text{CH}_3\text{Br}^-$ Dimethyldioctadecylammonium Bromide CAS RN: 3700-67-2	T0094 25g 500g $\text{CH}_3\text{CH}_2\text{-N}^+(\text{CH}_2\text{CH}_3)_2\text{(CH}_2\text{CH}_3)_2\text{Br}^-$ Tetraethylammonium Bromide CAS RN: 71-91-0	
T0694 25g 500g $\text{CH}_3\text{CH}_2\text{CH}_2\text{-N}^+(\text{CH}_2\text{CH}_2\text{CH}_3)_3\text{Br}^-$ Tetrapropylammonium Bromide CAS RN: 1941-30-6	T0054 25g 100g 500g $\text{CH}_3(\text{CH}_2)_3\text{-N}^+(\text{CH}_2)_3\text{CH}_3\text{Br}^-$ TBAB CAS RN: 1643-19-2	T1432 5g 25g $\text{CH}_3(\text{CH}_2)_4\text{-N}^+(\text{CH}_2)_4\text{CH}_3\text{Br}^-$ Tetraamylammonium Bromide CAS RN: 866-97-7	T1599 25g $\text{CH}_3(\text{CH}_2)_5\text{-N}^+(\text{CH}_2)_5\text{CH}_3\text{Br}^-$ Tetrahexylammonium Bromide CAS RN: 4328-13-6	T1602 5g 25g 100g $\text{CH}_3(\text{CH}_2)_6\text{-N}^+(\text{CH}_2)_6\text{CH}_3\text{Br}^-$ Tetraheptylammonium Bromide CAS RN: 4368-51-8	
T1603 10g 25g $\text{CH}_3(\text{CH}_2)_7\text{-N}^+(\text{CH}_2)_7\text{CH}_3\text{Br}^-$ Tetra- <i>n</i> -octylammonium Bromide CAS RN: 14866-33-2	T1142 25g 100g $\text{CH}_3(\text{CH}_2)_9\text{-N}^+(\text{CH}_2)_9\text{CH}_3\text{Br}^-$ Tetra(decyl)ammonium Bromide CAS RN: 14937-42-9	H0481 25g 500g $\text{CH}_3\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_6\text{-N}^+(\text{CH}_3)_2\text{CH}_3\text{2Br}^-$ Hexamethonium Bromide CAS RN: 55-97-0	D1314 5g 25g $\text{CH}_3\text{-N}^+(\text{CH}_3)_2\text{(CH}_2)_{10}\text{-N}^+(\text{CH}_3)_2\text{CH}_3\text{2Br}^-$ Decamethonium Bromide CAS RN: 541-22-0	Ammonium Chlorides	

T0136 25g 500g  Tetramethylammonium Chloride CAS RN: 75-57-0	O0178 5g 25g 100g  n-Octyltrimethylammonium Chloride CAS RN: 10108-86-8	D1306 25g  Decyltrimethylammonium Chloride CAS RN: 10108-87-9	D1016 25g 500g  DTAC CAS RN: 112-00-5	T0926 25g 500g  MTAC CAS RN: 4574-04-3				
H0082 25g 100g 500g  CTAC CAS RN: 112-02-7	S0087 25g 100g 500g  STAC CAS RN: 112-03-8	D4698 5g  Didodecyltrimethylammonium Chloride CAS RN: 3401-74-9	M0852 25g 500g  Triethylmethylammonium Chloride CAS RN: 10052-47-8	T2873 100mL 500mL  Tributylmethylammonium Chloride (ca. 75% in water) CAS RN: 56375-79-2				
T1365 25g 500g  Methyltri-n-octylammonium Chloride CAS RN: 5137-55-3	T0095 25g 100g 500g  Tetraethylammonium Chloride CAS RN: 56-34-8	T0055 5g 25g 100g  TBACl CAS RN: 1112-67-0	T1433 5g 25g  Tetraamylammonium Chloride CAS RN: 4965-17-7	T2106 25g  Tetrapropylammonium Chloride CAS RN: 5810-42-4				
H0090 25g 100g 500g  Hexamethonium Chloride Dihydrate CAS RN: 60-25-3	Ammonium Hydroxides		T0676 25mL 100mL 500mL  TMAH (10% in Methanol) CAS RN: 75-59-2	T0138 25mL 100mL 500mL  TMAH (10% in Water) CAS RN: 75-59-2				
T1460 25mL 500mL  TMAH (ca. 25% in Water) CAS RN: 75-59-2	T0096 25mL 500mL  Tetraethylammonium Hydroxide (10% in Water) CAS RN: 77-98-5	T2589 25mL 500mL  Tetraethylammonium Hydroxide (35% in Water) CAS RN: 77-98-5	T0171 25mL 100mL  Tetrapropylammonium Hydroxide (10% in Water) CAS RN: 4499-86-9	T0964 25mL 100mL 500mL  Tetrapropylammonium Hydroxide (10% in Water) CAS RN: 4499-86-9				
T1020 25mL 100mL 500mL  Tetrapropylammonium Hydroxide (20-25% in Water) CAS RN: 4499-86-9	T1565 25g  Tetrapropylammonium Hydroxide (ca. 40% in Water) CAS RN: 4499-86-9	T0056 25g 100g  TBAOH (10% in Isopropyl Alcohol) CAS RN: 2052-49-5	T0717 25mL 100mL 500mL  TBAOH (10% in Methanol) CAS RN: 2052-49-5	T0955 25mL 100mL 500mL  TBAOH (10% in Water) CAS RN: 2052-49-5				
T0216 25g  TBAOH (10% in Water) CAS RN: 2052-49-5	T1948 25mL 500mL  TBAOH (37% in Methanol) CAS RN: 2052-49-5	T1685 25g 100g 500g  TBAOH (40% in Water) CAS RN: 2052-49-5	Phosphorus-containing Capping Agents					
Phosphines		T3489 5g  Trimethylphosphine CAS RN: 594-09-2	T0361 25mL 100mL 500mL  Tributylphosphine CAS RN: 998-40-3	T1005 25mL  Trihexylphosphine CAS RN: 4168-73-4	T0503 25mL 100mL 500mL  Tri-n-octylphosphine CAS RN: 4731-53-7	B1174 1g  1,2-Bis(dimethylphosphino)ethane CAS RN: 23936-60-9	Phosphine Oxides	

T0921 25g  Tributylphosphine Oxide CAS RN: 814-29-9	T0504 25g 100g  TOPO CAS RN: 78-50-2	Phosphonic Acids		M2938 1g 5g  Methylphosphonic Acid CAS RN: 993-13-5	B6044 1g 5g  Butylphosphonic Acid CAS RN: 3321-64-0	
H1551 1g 5g  Hexylphosphonic Acid CAS RN: 4721-24-8	H1535 1g 5g  Heptylphosphonic Acid CAS RN: 4721-16-8	O0380 1g 5g  <i>n</i> -Octylphosphonic Acid CAS RN: 4724-48-5	N1025 1g  Nonylphosphonic Acid CAS RN: 4730-79-4	D3884 1g 5g  Decylphosphonic Acid CAS RN: 6874-60-8		
U0088 1g 5g  Undecylphosphonic Acid CAS RN: 5137-69-9	D4809 1g 5g  Dodecylphosphonic Acid CAS RN: 5137-70-2	T3183 1g 5g  Tetradecylphosphonic Acid CAS RN: 4671-75-4	H1488 1g 5g  Hexadecylphosphonic Acid CAS RN: 4721-17-9	O0371 1g 5g  Octadecylphosphonic Acid CAS RN: 4724-47-4		
M0843 1g 5g  Methylenediphosphonic Acid CAS RN: 1984-15-2	E1265 1g 5g  1,2-Ethylenediphosphonic Acid CAS RN: 6145-31-9	P2304 1g 5g  1,3-Propylenediphosphonic Acid CAS RN: 4671-82-3	B4848 1g  1,4-Butanediphosphonic Acid CAS RN: 4671-77-6	P2300 1g  1,5-Pentylenediphosphonic Acid CAS RN: 4672-25-7		
H1536 1g  1,6-Hexylenediphosphonic Acid CAS RN: 4721-22-6	P0204 25g 100g 500g  Phenylphosphonic Acid CAS RN: 1571-33-1	P2303 200mg 1g  1,4-Phenylenediphosphonic Acid CAS RN: 880-68-2	Composite Capping Agents		Thiols-Carboxylic Acids	
M0052 25g 500g  Thioglycolic Acid CAS RN: 68-11-1	M0060 25g 100g 500g  Thiolactic Acid CAS RN: 79-42-5	M0061 25g 100g 500g  3-Mercaptopropionic Acid CAS RN: 107-96-0	M1200 5g 25g  3-Mercaptoisobutyric Acid CAS RN: 26473-47-2	D4586 200mg 1g  Dihydrolipoic Acid CAS RN: 462-20-4		
Amines-Carboxylic Acids		G0099 25g 500g  Glycine CAS RN: 56-40-6	A0180 25g 500g  β-Alanine CAS RN: 107-95-9	I0309 100mg 1g  DL-Isoserine CAS RN: 565-71-9	I0828 1g 5g  L-Isoserine CAS RN: 632-13-3	
C0515 25g 100g 500g  L-Cysteine CAS RN: 52-90-4	A0905 25g 250g  N-Acetyl-L-cysteine CAS RN: 616-91-1	A0282 25g 100g 500g  4-Aminobutyric Acid CAS RN: 56-12-2	A0318 5g 25g  4-Amino-3-hydroxybutyric Acid CAS RN: 924-49-2	H0159 1g 5g  DL-Homocysteine CAS RN: 454-29-5		

A1438 5g 25g  (S)-(-)-4-Amino-2-hydroxybutyric Acid CAS RN: 40371-51-5	A0663 5g 25g  5-Aminovaleric Acid CAS RN: 660-88-8	A0312 25g 500g  6-Aminohexanoic Acid CAS RN: 60-32-2	L0129 5g 25g  L-(+)-Lysine CAS RN: 56-87-1	A2171 1g 5g  N ^ε -Acetyl-L-lysine CAS RN: 1946-82-3	
A0311 1g 5g 25g  7-Aminoheptanoic Acid CAS RN: 929-17-9	A0932 25g 500g  12-Aminolauric Acid CAS RN: 693-57-2	Betaines		D4246 5g 25g  Caprylyl Sulfobetaine CAS RN: 15163-36-7	D4247 5g  n-Octyl Sulfobetaine CAS RN: 15178-76-4
D2332 25g 250g  Lauryl Sulfobetaine CAS RN: 14933-08-5	T2653 5g 25g  Myristyl Sulfobetaine CAS RN: 14933-09-6	H1283 5g 25g  Palmityl Sulfobetaine CAS RN: 2281-11-0	O0261 25g 250g  Stearyl Sulfobetaine CAS RN: 13177-41-8	Synthetic Reagents	
Organic Reagents					
				T3453 10g  Tris(trimethylsilyl)phosphine (ca. 10% in Hexane) CAS RN: 15573-38-3	T0361 25mL 100mL 500mL  Tributylphosphine CAS RN: 998-40-3
D0301 25g 500g  1,3-Dibutylthiourea CAS RN: 109-46-6	T1404 25g 100g 500g  TMAH Pentahydrate CAS RN: 10424-65-4	T0676 25mL 100mL 500mL  TMAH (10% in Methanol) CAS RN: 75-59-2	T0138 25mL 100mL 500mL  TMAH (10% in Water) CAS RN: 75-59-2	T1460 25mL 500mL  TMAH (ca. 25% in Water) CAS RN: 75-59-2	
T3183 1g 5g  Tetradecylphosphonic Acid CAS RN: 4671-75-4	O0371 1g 5g  Octadecylphosphonic Acid CAS RN: 4724-47-4	T0921 25g  Tributylphosphine Oxide CAS RN: 814-29-9	T0504 25g 100g  TOPO CAS RN: 78-50-2	H0871 5g 25g  Bis(trimethylsilyl) Sulfide CAS RN: 3385-94-2	
C1949 500g  Citric Acid CAS RN: 77-92-9	O0180 5mL 25mL  Oleic Acid (>99.0%) CAS RN: 112-80-1	O0011 25mL 500mL  Oleic Acid (>85.0%) CAS RN: 112-80-1	O0059 25mL 100mL 500mL  Oleylamine CAS RN: 112-90-3	T1309 5mL 25mL  Tris(diethylamino)phosphine CAS RN: 2283-11-6	

O0008 25mL 500mL $\text{CH}_3(\text{CH}_2)_{15}\text{CH}=\text{CH}_2$ 1-Octadecene CAS RN: 112-88-9	Inorganic Reagents	C2202 25g 100g CsBr Cesium Bromide CAS RN: 7787-69-1	C2203 25g 100g CsCl Cesium Chloride CAS RN: 7647-17-8	C2205 25g CsI Cesium Iodide CAS RN: 7789-17-5
C2160 25g 100g  Cesium Carbonate CAS RN: 534-17-8	L0288 1g 5g 25g PbBr_2 Lead(II) Bromide [for Perovskite precursor] CAS RN: 10031-22-8	L0291 1g 5g PbCl_2 Lead(II) Chloride (purified by sublimation) [for Perovskite precursor] CAS RN: 7758-95-4	L0292 1g 5g 25g PbCl_2 Lead(II) Chloride [for Perovskite precursor] CAS RN: 7758-95-4	L0279 1g 5g 25g 100g 1kg PbI_2 Lead(II) Iodide (99.99%, trace metals basis) [for Perovskite precursor] CAS RN: 10101-63-0
L0315 1g 5g 25g  Acetic Acid Lead(II) Salt CAS RN: 301-04-2	T3573 1g 5g SnBr_2 Tin(II) Bromide [for Perovskite precursor] CAS RN: 10031-24-0	T3570 1g 5g SnCl_2 Tin(II) Chloride [for Perovskite precursor] CAS RN: 7772-99-8	T3449 1g 5g SnI_2 Tin(II) Iodide [for Perovskite precursor] CAS RN: 10294-70-9	Z0013 25g 300g ZnBr_2 Zinc Bromide CAS RN: 7699-45-8
Z0014 25g 300g ZnCl_2 Zinc Chloride CAS RN: 7646-85-7	D3902 100mL $\text{Zn}(\text{CH}_2\text{CH}_3)_2$ Diethylzinc (ca. 15% in Toluene, ca. 1mol/L) CAS RN: 557-20-0	D3214 100mL 500mL $\text{Zn}(\text{CH}_2\text{CH}_3)_2$ Diethylzinc (ca. 17% in Hexane, ca. 1mol/L) CAS RN: 557-20-0	D0492 25g 500g  Zinc Diethyldithiocarbamate CAS RN: 14324-55-1	I0778 5g 25g InCl_3 Indium(III) Chloride Anhydrous CAS RN: 10025-82-8

**Ordering and
Customer Service**

TCI AMERICA

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

TCI EUROPE N.V.

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

TCI Deutschland GmbH

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

Tokyo Chemical Industry UK Ltd.

Tel : +44 (0)1865 784560
Fax : +44 (0)1865 784561
E-mail : Sales-UK@TCIchemicals.com

TCI Chemicals (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909
Fax : 044-2262 8902
E-mail : Sales-IN@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

TOKYO CHEMICAL INDUSTRY CO., LTD.

Tel : +81 (0)3-5640-8878
Fax : +81 (0)3-5640-8902
E-mail : globalbusiness@TCIchemicals.com

Availability, price or specification of the listed products are subject to change without prior notice. Reproduction forbidden without the prior written consent of Tokyo Chemical Industry Co., Ltd.