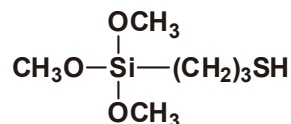


# Self-Assembled Monolayer Forming Agents

## Thiols



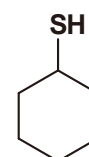
|      |                    |                      |         |
|------|--------------------|----------------------|---------|
| n=2  | 1-Propanethiol     | 25mL / 500mL         | [P0488] |
| n=3  | 1-Butanethiol      | 25mL / 500mL         | [B0685] |
| n=4  | 1-Pentanethiol     | 25mL / 500mL         | [P0053] |
| n=5  | 1-Hexanethiol      | 25mL / 500mL         | [H0103] |
| n=6  | 1-Heptanethiol     | 10g / 25g            | [H0029] |
| n=7  | 1-Octanethiol      | 25mL / 500mL         | [O0025] |
| n=9  | 1-Decanethiol      | 25mL / 100mL / 500mL | [D0016] |
| n=10 | 1-Undecanethiol    | 5mL                  | [U0066] |
| n=11 | 1-Dodecanethiol    | 25mL / 500mL         | [D0970] |
| n=13 | 1-Tetradecanethiol | 25mL                 | [T0082] |
| n=14 | 1-Hexadecanethiol  | 25mL / 500mL         | [H0068] |
| n=15 | 1-Pentadecanethiol | 10mL                 | [P0836] |
| n=17 | 1-Octadecanethiol  | 25g / 400g           | [O0005] |



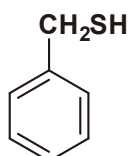
3-(Trimethoxysilyl)propanethiol  
25mL / 100mL / 500mL  
[M0928]



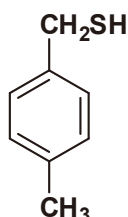
Cyclopentanethiol  
5mL / 25mL  
[C0810]



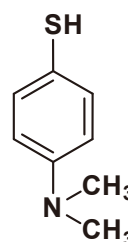
Cyclohexanethiol  
25mL / 500mL  
[C0727]



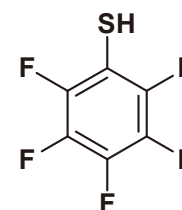
Benzyl Mercaptan  
25g / 100g / 500g  
[T0287]



4-Methylbenzyl Mercaptan  
10mL / 25mL  
[M0682]

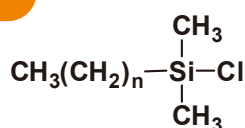


4-(Dimethylamino)benzenethiol  
1g  
[D4047]

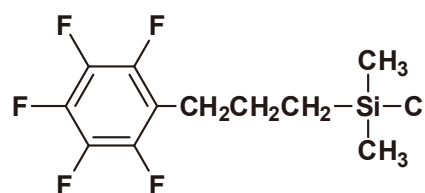


Pentafluorobenzenethiol  
5g / 25g  
[P0861]

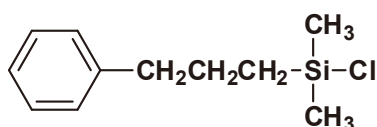
## Silanes



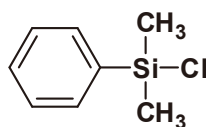
|      |                                       |                      |         |
|------|---------------------------------------|----------------------|---------|
| n=0  | Chlorotrimethylsilane                 | 25mL / 100mL / 500mL | [C0306] |
| n=1  | Dimethylethylchlorosilane             | 5g / 25g             | [D0135] |
| n=2  | Chlorodimethylpropylsilane            | 5mL / 25mL           | [D1590] |
| n=3  | Butylchlorodimethylsilane             | 25mL                 | [B2010] |
| n=7  | Dimethyl- <i>n</i> -octylchlorosilane | 25mL / 100mL         | [D1827] |
| n=9  | Chloro(decyl)dimethylsilane           | 25mL                 | [C1468] |
| n=11 | Chloro(dodecyl)dimethylsilane         | 25mL                 | [C1469] |
| n=17 | Dimethyloctadecylchlorosilane         | 25mL                 | [D1560] |



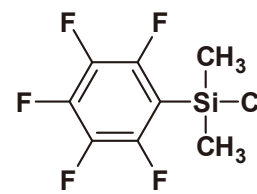
Pentafluorophenyldimethylchlorosilane  
5g  
[C2700]



Chlorodimethyl(3-phenylpropyl)silane  
5mL / 25mL  
[C1488]

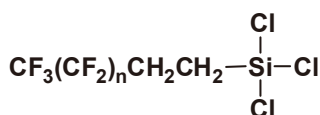


Chlorodimethylphenylsilane  
5mL / 25mL  
[D1147]

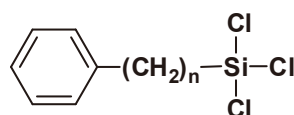


Pentafluorophenyldimethylchlorosilane  
1mL / 5mL  
[P0854]

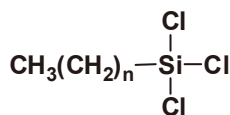
# Self-Assembled Monolayer Forming Agents



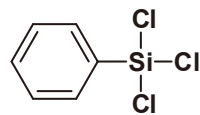
**n=5 Trichloro(1H,1H,2H,2H-tridecafluoro-n-octyl)silane**  
5g / 25g [T2577]



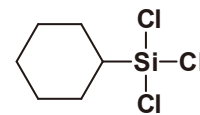
**n=2 Trichloro(phenylethyl)silane (mixture of isomers)** 25g [T2852]  
**n=3 Trichloro(3-phenylpropyl)silane** 5g / 25g [T2853]  
**n=6 Trichloro(6-phenylhexyl)silane** 5g / 25g [T2854]



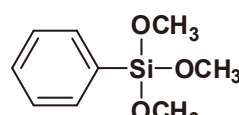
**n=0 Trichloro(methyl)silane** 25g / 100g / 500g [M0450]  
**n=1 Ethyltrichlorosilane** 25g [E0188]  
**n=2 Propyltrichlorosilane** 25g [P0371]  
**n=5 Hexyltrichlorosilane** 25mL [H0547]  
**n=7 n-Octyltrichlorosilane** 25g [O0168]  
**n=9 Decyltrichlorosilane** 25mL [D1486]  
**n=11 Dodecyltrichlorosilane** 25mL [D1509]



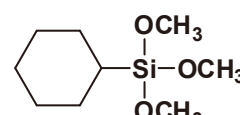
**Phenyltrichlorosilane**  
25g / 500g [P0240]



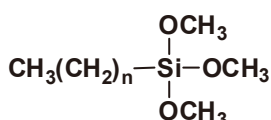
**Cyclohexyltrichlorosilane**  
5g / 25g [C0892]



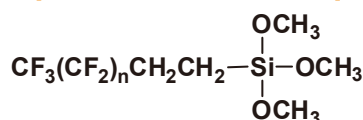
**Trimethoxyphenylsilane**  
25mL / 100mL / 500mL [P0857]



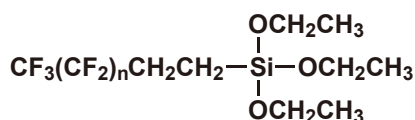
**Cyclohexyltrimethoxysilane**  
5g / 25g [C2280]



**n=0 Trimethoxy(methyl)silane** 25mL / 100mL / 500mL [M0660]  
**n=1 Ethyltrimethoxysilane** 25g / 100g [E0789]  
**n=2 Propyltrimethoxysilane** 25mL / 500mL [T1801]  
**n=5 Hexyltrimethoxysilane** 25mL / 100mL / 500mL [H0879]  
**n=11 Dodecyltrimethoxysilane** 25g / 250g [D3383]  
**n=17 Octadecyltrimethoxysilane** 25mL [O0256]

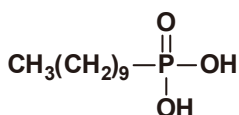


**n=0 Trimethoxy(3,3,3-trifluoropropyl)silane** 5g / 25g [T2720]  
**n=3 Trimethoxy(1H,1H,2H,2H-nonafluorohexyl)silane** 5g / 25g [T2918]  
**n=5 Trimethoxy(1H,1H,2H,2H-tridecafluoro-n-octyl)silane** 5g / 25g [T3560]  
**n=7 Trimethoxy(1H,1H,2H,2H-heptadecafluorodecyl)silane** 5g / 25g [T2917]

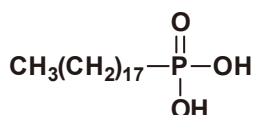


**n=3 Triethoxy(1H,1H,2H,2H-nonafluorohexyl)silane** 5g / 25g [T2860]  
**n=5 Triethoxy-1H,1H,2H,2H-tridecafluoro-n-octylsilane** 5g / 25g [T1770]

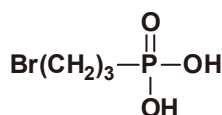
## Phosphonic Acids



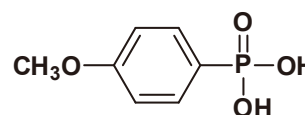
**Decylphosphonic Acid**  
1g / 5g [D3884]



**Octadecylphosphonic Acid**  
1g / 5g [O0371]



**(3-Bromopropyl)phosphonic Acid**  
1g / 5g [B1591]



**4-Methoxyphenylphosphonic Acid**  
250mg / 1g [M1155]

For further information please refer to our website at [www.TCIchemicals.com](http://www.TCIchemicals.com).

TCI self assembly



### 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 78 45 60  
E-mail : Sales-UK@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 (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909  
E-mail : Sales-IN@TCIchemicals.com

#### TOKYO CHEMICAL INDUSTRY CO., LTD.

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

\* Chemicals itemized in this brochure are for research and testing use only. Please avoid use other than by chemically knowledgeable professionals. \* Information such as listed products and its specifications and so on are subject to change without prior notice. \* The contents may not be reproduced or duplicated in whole or in part without permission of Tokyo Chemical Industry Co., Ltd.