

Silicon Products



Organic compounds containing the silicon-carbon bond are referred to as organosilicon compounds. In general, these compounds are colorless, thermally stable and highly soluble in hydrocarbons, chlorinated hydrocarbons, ethers, and other organic solvents. In general, organosilicon compounds are readily hydrolyzed. Silanols, silanes, siloxanes, silyl halides are examples of silicon products.

Organosilicon compounds show a vast array of applications in chemical research and industry. Silicone products are widely used in various manufacturing sectors for the preparation of defoamers, healthcare products, adhesives, computers, dry cleaning solvents, lubricants (automotive field), cooking utensils, thermal insulation, construction and architecture materials, and electrical insulations; many fabrics are coated with silicone to form a strong, waterproof composite. In addition, it is used in making bandages and dressings, contact lenses, and scar treatment sheets. Silicon products participate in a huge number of chemical transformations aimed at the synthesis of several important molecules used in research. In organic synthesis, silicon compounds are useful as mild and stable reducing agents, protecting groups, and derivatization agents. In addition, silanes contribute significantly to cross coupling chemistry. Silicon products are used in many medicinal products such as antacid, antifatulent, and antifeedant formulations, apart from their use in medical devices, and as excipients in pharmaceutical formulations, and finally as adhesives in drug delivery systems.

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Волгодла (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Уда (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://aesar.nt-rt.ru/> || arj@nt-rt.ru

Silanes



Silanes are the silicon analogs of alkanes. In contrast to alkanes, the hydrogen atoms have a partial negative charge in silanes due to relatively high electronegativity of hydrogen in comparison to silicon and hence compounds containing Si-H bonds are reactive. Silanes containing Si-H bonds are used as reducing agents in organic and organometallic chemistry. As an alternative to toxic reducing agents like tributyltin hydride, silanes can serve as a radical H-donor or as a hydride donor. There are a wide variety of silanes, ranging from alkylsilanes, alkylsiloxanes, phenylsilanes and halosilanes up to tris(trimethylsilyl)silane.















Several industrial and medical applications exist for silane and functionalized silanes. Silanes have wide range of applications including, but not limited to, water repellents, surface modifiers, crosslinking agents, masonry protection, coupling agents, control of graffiti, adhesion promoters, and dispersing agents. As coupling agents for adhering glass fibers and carbon fibers to polymer matrices, silanes stabilize composite material by creating better adhesive property. In biotechnology, silanes find use as coupling agents for bonding polynucleotides to ægene chips. Silanes can also be used to couple a bio-inert layer on a titanium implant. Other applications include applying polycrystalline silicon layers on silicon wafers when manufacturing semiconductors, and sealants.







































Organometallics



















[View our products >](#)

































| | | |
|---|--------|---|
|  | H33555 | 10-Isocyanatodecyltrimethoxysilane, 95% |
|  | H34037 | 10-(Pentafluorophenoxycarbonyl)decyltriethoxysilane, 95% |
|  | H34117 | 10-(Pentafluorophenoxycarbonyl)decyltrimethoxysilane, 95% |
|  | H28705 | 1,1,2,2-Tetramethyl-1,2-dipenyldisilane, 95% |
|  | L16480 | 1,1,3,3-Tetramethyl-1,3-divinyldisilazane, 95% |
|  | H33727 | 11-(Aminoxy)undecyltriethoxysilane, 95% |
|  | H33007 | 11-(Aminoxy)undecyltrimethoxysilane, 95% |
|  | H33835 | 11-Aminoundecyltriethoxysilane, 90+% |
|  | H33524 | 11-Azidoundecyltriethoxysilane, 95% |
|  | H34298 | 11-Azidoundecyltrimethoxysilane, 94% |
|  | H55953 | 1-(1-Naphthyl)-2-(trimethylsilyl)acetylene, 97% |
|  | H33057 | 11-(Pentafluorophenoxy)undecyltriethoxysilane, 95% |
|  | H33702 | 11-(Pentafluorophenoxy)undecyltrimethoxysilane, 95% |
|  | L02570 | 1,2-Bis(chlorodimethylsilyl)ethane, tech. 90% |



















| | | |
|---|--------|--|
|  | 43755 | 1,2-Bis(dimethylsilyl)benzene, 98% |
|  | H60530 | 1,2-Bis(triethoxysilyl)ethane, 95% |
|  | H60850 | 1,2-Bis(trimethoxysilyl)ethane, 96% |
|  | H63857 | 1,2-Bis(trimethylsiloxy)ethane, 98% |
|  | H28370 | 1,2-Dimethoxy-1,1,2,2-tetramethyldisilane, 97% |
|  | H27043 | 1-(2-Trimethylsilylethoxy)methyl-1H-pyrazole-5-boronic acid pinacol ester, 95% |
|  | 17542 | 1,3-Bis(trimethylsilyl)benzene |
|  | L10640 | 1,3-Bis[(trimethylsilyl)ethynyl]benzene, 96% |
|  | A12463 | 1,3-Divinyltetramethyldisiloxane, 96%, cont. up to 4% 1-vinyl-3-ethyltetramethyldisiloxane |
|  | A12126 | 1,4-Bis(dimethylsilyl)benzene, 97% |
|  | H28165 | 1,4-Bis(methoxydimethylsilyl)benzene, 97% |
|  | L09246 | 1,4-Bis(trimethylsilyl)-1,3-butadiyne, 98% |
|  | L09709 | 1,4-Bis[(trimethylsilyl)ethynyl]benzene, 98% |
|  | H26009 | 1,4-Bis(trimethylsilyl)tetrafluorobenzene, 98% |
|  | H28428 | 1-Boc-2-(hydroxydimethylsilyl)pyrrole, 97% |
|  | H52511 | 1-Boc-5-(tert-butyldimethylsiloxy)indole-2-boronic acid, 98% |
|  | L17440 | 1-Bromo-3-(tert-butyldimethylsiloxy)benzene, 98+% |
|  | H53515 | 1-Chloro-5-triethylsilyl-4-pentyne, 97% |
|  | H53393 | 1-Chloro-5-trimethylsilyl-4-pentyne, 97% |


















| | | |
|---|--------|---|
|  | L16582 | 1H,1H,2H,2H-Perfluorodecyldimethylchlorosilane, tech. 90% |
|  | L16584 | 1H,1H,2H,2H-Perfluorodecyltrichlorosilane, 96% |
|  | L16585 | 1H,1H,2H,2H-Perfluorodecyltriethoxysilane, 97% |
|  | L16604 | 1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane, 94% |
|  | 44543 | 1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane, 97% |
|  | L16605 | 1H,1H,2H,2H-Perfluorooctylmethyldichlorosilane, 97% |
|  | L16606 | 1H,1H,2H,2H-Perfluorooctyltrichlorosilane, 97% |
|  | B24620 | 1H,1H,2H,2H-Perfluorooctyltriethoxysilane, 97% |
|  | H53375 | 1-Iodo-2-(trimethylsilyl)acetylene, 97% |
|  | L19588 | 1-Iodo-3-(trimethylsiloxy)benzene, 98% |
|  | L06931 | 1-Methoxy-2-methyl-1-(trimethylsiloxy)propene, 97% |
|  | L06100 | 1-Methoxy-3-trimethylsiloxy-1,3-butadiene, 94% |
|  | L14672 | 1-Methoxy-3-trimethylsiloxy-1,3-butadiene, 95% |
|  | L05308 | 1-Phenyl-1-trimethylsiloxyethylene, 95% |
|  | H55866 | 1-Phenyl-2-trimethylsilylacetylene, 99% |
|  | H53426 | 1-Phenyl-3-trimethylsilyl-2-propyn-1-ol, 97% |
|  | 41462 | 1-(tert-Butyldimethylsilyl)imidazole, 97% |















| | | |
|---|--------|---|
|  | H53035 | 1-(tert-Butyldimethylsilyl)indole-4-boronic acid, 98% |
|  | H52624 | 1-(tert-Butyldimethylsilyl)indole-5-boronic acid, 97% |
|  | H52633 | 1-(tert-Butyldimethylsilyl)indole-6-boronic acid, 98% |
|  | H53488 | 1-Triethylsilyl-4-triethylsilyloxy-1-butyne, 97% |
|  | L13152 | 1-(Triisopropylsilyl)pyrrole, 95% |
|  | A16099 | 1-(Trimethylsiloxy)cyclohexene, 98% |
|  | B21105 | 1-Trimethylsilyl-1,2,4-triazole, 95% |
|  | H53436 | 1-Trimethylsilyl-1,4-pentadiyne, 98% |
|  | H53423 | 1-Trimethylsilyl-1-pentyne, 98% |
|  | B24875 | 1-Trimethylsilyl-1-propyne, 98% |
|  | L02638 | 1-Trimethylsilyl-2-pyrrolidinone, 96% |
|  | A12512 | 1-(Trimethylsilyl)imidazole, 97% |
|  | L04251 | 1-Trimethylsilylmethanol, 95% |
|  | A14489 | 2,2,3,3-d(4)-3-(Trimethylsilyl)propionic acid sodium salt, 98+ atom % D |
|  | H51931 | 2-[(2,3-Dimethylphenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51757 | 2-[(2,4-Dimethoxyphenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H52277 | 2-[(2-Fluorenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51742 | 2-[(2-Methoxyphenyl)dimethylsilyl]benzyl alcohol, 95% |



















| | | |
|---|--------|--|
|  | H53339 | 2-[2-(tert-Butyldimethylsiloxy)ethyl]benzeneboronic acid, 96% |
|  | H51741 | 2-[(3,4-Dimethoxyphenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51928 | 2-[(3-Chlorophenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51929 | 2-[(3-Methoxyphenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51933 | 2-[(4-(4-Morpholinylcarbonyl)phenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51761 | 2-[(4-Biphenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51736 | 2-[(4-Chlorophenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51932 | 2-[(4-(Ethoxycarbonyl)phenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51735 | 2-[(4-Fluorophenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51935 | 2-[(4-Methoxy-1-naphthyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51662 | 2-[(4-Methoxyphenyl)dimethylsilyl]benzyl alcohol |
|  | H29222 | 2,5-Bis(trimethylsilyl)thiazole, 96% |
|  | H51738 | 2-(6-Chloro-3-pyridyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H51740 | 2-[(6-Methoxy-3-pyridyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H52276 | 2-[(6-n-Butoxy-2-naphthyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H52278 | 2-[(9,9-Dimethyl-2-fluorenyl)dimethylsilyl]benzyl alcohol, 95% |
|  | H30905 | (2-Allylphenoxy)trimethylsilane, 98% |
|  | H56594 | (2-Bromoethoxy)-tert-butyldimethylsilane, 98%, stab. with sodium carbonate |









| | | |
|---|--------|---|
|  | H53402 | (2-Bromophenylethynyl)trimethylsilane, 98% |
|  | H55074 | 2-(Chloromethoxy)ethyltrimethylsilane, tech. 90%, stab. with 0.1% N,N-Diisopropylethylamine |
|  | L03543 | (2-Cyanoethyl)triethoxysilane, 97% |
|  | H51696 | 2-[Dimethyl(1-naphthyl)silyl]benzyl alcohol, 97% |
|  | H51663 | 2-[Dimethyl(2-thienyl)silyl]benzyl alcohol |
|  | H51737 | 2-[Dimethyl(3-pyridyl)silyl]benzyl alcohol, 95% |
|  | H51938 | 2-(Dimethyl[4-(4-morpholinylmethyl)phenyl]silyl)benzyl alcohol, 95% |
|  | H51756 | 2-(Dimethyl[4-(4-morpholinyl)phenyl]silyl)benzyl alcohol, 95% |
|  | H51739 | 2-(Dimethyl[4-(methylthio)phenyl]silyl)benzyl alcohol, 95% |
|  | H51936 | 2-[Dimethyl(4-phenoxyphenyl)silyl]benzyl alcohol, 95% |
|  | H51691 | 2-[Dimethyl(p-tolyl)silyl]benzyl alcohol, 97% |
|  | B22116 | 2-Methyl-1,4-bis(trimethylsiloxy)benzene, 98% |
|  | 44189 | 2-Methyl-4-trimethylsilyl-1-buten-3-yne, 97% |
|  | H51071 | 2-Triisopropylsilyl-1,3-dithiane, 97% |















| | | |
|---|--------|---|
|  | L13462 | 2-(Trimethylsiloxy)benzaldehyde, 95% |
|  | L19572 | 2-Trimethylsilyl-1-ethylboronic acid diethanolamine ester, 98% |
|  | L19534 | 2-Trimethylsilyl-1-ethylboronic acid pinacol ester, 97% |
|  | L11625 | 2-(Trimethylsilyl)benzothiazole, tech. 90% |
|  | B20970 | 2-(Trimethylsilyl)ethanol, 98+% |
|  | H55930 | 2-[(Trimethylsilyl)ethynyl]aniline, 97% |
|  | L11251 | 2-(Trimethylsilylethynyl)pyridine, 97% |
|  | H53477 | 2-Trimethylsilyloxy-3-butyne, 97% |
|  | H26885 | 2-(Trimethylsilyl)pyridine, 97% |
|  | H61170 | 2-(Trimethylsilyl)thiophene, 97% |
|  | B23159 | 3-(2-Aminoethylamino)propylmethyldimethoxysilane, 97% |
|  | L14043 | 3-(2-Aminoethylamino)propyltrimethoxysilane, 96% |
|  | A16981 | 3-(2-Aminoethylamino)propyltrimethoxysilane, tech. 90% |
|  | H30323 | 3-(2-Trimethylsilyloxyphenyl)-1-propylboronic acid pinacol ester, 95% |
|  | H58731 | 3-[2-(Trimethylsilyl)ethynyl]benzeneboronic acid pinacol ester, 97% |
|  | L16669 | (3,3,3-Trifluoropropyl)methyldichlorosilane, 97% |
|  | L16670 | (3,3,3-Trifluoropropyl)trichlorosilane, 97% |
|  | L16671 | (3,3,3-Trifluoropropyl)trimethoxysilane, 97% |


















| | | |
|---|--------|--|
|  | H60180 | 3,4,6-Tri-O-benzyl-2-deoxy-D-glucopyranose, 97% |
|  | H60275 | 3,4,6-Tri-O-tert-butyldimethylsilyl-D-glucal, 97% |
|  | H60900 | 3,4-Di-O-acetyl-6-O-tert-butyldimethylsilyl-D-glucal, 97% |
|  | L13709 | 3,5-Bis(trifluoromethyl)phenyldimethylchlorosilane, 95% |
|  | L17673 | 3,5-Bis(trifluoromethyl)phenyldimethylsilane, 95% |
|  | L16400 | 3-(Acryloyloxy)propyltrimethoxysilane, 94%, stab. with 100ppm BHT |
|  | L16401 | (3-Aminopropyl)diethoxymethylsilane, 97% |
|  | A10668 | (3-Aminopropyl)triethoxysilane, 98% |
|  | A11284 | (3-Aminopropyl)trimethoxysilane, 97% |
|  | H53451 | 3-Bromo-1-trimethylsilyl-1-propyne, 98% |
|  | H66027 | (3-Bromophenylethynyl)trimethylsilane, 98% |
|  | A17770 | (3-Chloropropyl)trichlorosilane, 97% |
|  | B22517 | (3-Chloropropyl)trimethoxysilane, 97% |
|  | 42413 | (3-Chloropropyl)trimethoxysilane, 97+%, packaged under Argon in resealable ChemSeal [®] bottles |
|  | L04458 | (3-Chloropropyl)trimethylsilane, 98% |
|  | L03607 | (3-Cyanopropyl)dimethylchlorosilane, 94% |
|  | A13787 | (3-Cyanopropyl)trichlorosilane, 98% |
|  | L05367 | (3-Cyanopropyl)triethoxysilane, 97% |



















| | | |
|---|--------|--|
|  | A18431 | (3-Glycidoxypropyl)trimethoxysilane, 97% |
|  | A12890 | (3-Isocyanatopropyl)triethoxysilane, 95% |
|  | 42426 | (3-Mercaptopropyl)methyldimethoxysilane, 95% |
|  | B21191 | (3-Mercaptopropyl)triethoxysilane, 94% |
|  | B23726 | (3-Mercaptopropyl)trimethoxysilane, 95% |
|  | A17714 | 3-(Methacryloyloxy)propyltrimethoxysilane, 97% |
|  | L16682 | 3-(Methacryloyloxy)propyltris(trimethylsiloxy)silane, 98% |
|  | 43922 | 3-Methyl-3-trimethylsiloxy-1-butyne, 97% |
|  | L16541 | (3-Methylaminopropyl)trimethoxysilane, 95% |
|  | H60924 | 3-O-tert-Butyldimethylsilyl-4,6-O-(4-methoxybenzylidene)-D-glucal, 97% |
|  | L16850 | 3-(Phenylamino)propyltrimethoxysilane, 96% |
|  | H28378 | 3-(tert-Butyldimethylsiloxy)benzeneboronic acid, tech. 90% |
|  | H61227 | 3-(tert-Butyldimethylsiloxy)glutaric anhydride, 95% |
|  | L17238 | 3-(tert-Butyldimethylsiloxy)thiophenol, 95% |















| | | |
|---|--------|--|
|  | H28413 | 3-Trimethylsilyl-1-propylboronic acid pinacol ester, 94% |
|  | 41209 | 3-Trimethylsilyl-2-oxazolidinone |
|  | H55012 | 3-[(Trimethylsilyl)ethynyl]benzotrile, 97% |
|  | H55101 | 3-[(Trimethylsilyl)ethynyl]pyridine, 97% |
|  | L09649 | 3-(Trimethylsilyl)propargyl alcohol, 98% |
|  | H53397 | 3-(Trimethylsilyl)propionaldehyde diethyl acetal, 97% |
|  | H53380 | 3-(Trimethylsilyl)propionic acid, 97% |
|  | 44763 | 3-Trimethylsilylpropynal, 97% |
|  | H51934 | 4-[[2-(Hydroxymethyl)phenyl]dimethylsilyl]benzeneboronic acid pinacol ester, 95% |
|  | H55902 | (4-Bromophenoxy)-tert-butyl dimethylsilane, 97% |
|  | H55534 | (4-Bromophenylethynyl)trimethylsilane, 98% |
|  | L16431 | 4-(Chloromethyl)phenyltrichlorosilane, 97% |
|  | H55129 | (4-Chlorophenylethynyl)trimethylsilane, 97% |
|  | H27810 | (4-Chlorophenyl)methoxydimethylsilane, 96% |
|  | H53156 | 4-(N-[2-(tert-Butyldimethylsilyloxy)ethyl]sulfamoyl)benzeneboronic acid, 96% |
|  | H60466 | 4-Nitrophenyl 2-(trimethylsilyl)ethyl carbonate, 95% |
|  | H60975 | 4-O-Acetyl-3,6-di-O-tert-butyl dimethylsilyl-D-glucal, 97% |
|  | H60280 | 4-O-Benzyl-3,6-di-O-tert-butyl dimethylsilyl-D-glucal, 97% |



















| | | |
|---|--------|--|
|  | H55285 | 4-tert-Butyldimethylsiloxy-1-butanol, 97% |
|  | H52604 | 4-tert-Butyldimethylsiloxy-3-methoxybenzeneboronic acid, 98% |
|  | H27868 | 4-tert-Butyldimethylsiloxy-3-penten-2-one, 95%, mixture of isomers |
|  | H55556 | 4-(tert-Butyldimethylsiloxy)phenol, 97% |
|  | L13463 | 4-(Trimethylsiloxy)benzaldehyde, 97% |
|  | H53376 | 4-Trimethylsilyl-3-butyn-1-ol, 98% |
|  | L14815 | 4-Trimethylsilyl-3-butyn-2-ol, 97% |
|  | H26300 | 4-(Trimethylsilyl)diphenylacetylene, 99% |
|  | H55060 | 4-[(Trimethylsilyl)ethynyl]benzaldehyde, 97% |
|  | H51697 | 4-[(Trimethylsilyl)ethynyl]benzeneboronic acid pinacol ester, 97% |
|  | H55229 | 4-(Trimethylsilyl)morpholine, 97% |
|  | H52830 | 5'-O-tert-Butyldimethylsilyl-2'-deoxyinosine, 97% |
|  | H52301 | 5'-O-(tert-Butyldimethylsilyl)thymidine, 97+% |
|  | L15989 | 5-O-tert-Butyldiphenylsilyl-2,3-O-isopropylidene-alpha,beta-D-ribofuranose |
|  | H53457 | 5-Trimethylsilyl-4-pentyn-1-ol, 97% |
|  | H55581 | (6-Bromohexyloxy)-tert-butyldimethylsilane, 99% |
|  | H60191 | 6-O-tert-Butyldiphenylsilyl-D-glucal, 97% |
|  | H53322 | 6-(tert-Butyldimethylsiloxy)naphthalene-2-boronic acid, 98% |



















| | | |
|---|--------|--|
|  | B21816 | 9-(Trimethylsilyl)fluorene, 99% |
|  | B22237 | Allylchlorodimethylsilane, 94% |
|  | 41953 | Allyl(chloromethyl)dimethylsilane, 97+% |
|  | H55077 | Allyloxy-tert-butyldimethylsilane, 98% |
|  | H53443 | Allyloxytrimethylsilane, 98% |
|  | L03703 | Allyltrichlorosilane, 95% |
|  | L04297 | Allyltriethoxysilane, 97% |
|  | A14662 | Allyltrimethylsilane, 98+% |
|  | 43904 | (Aminoethylaminomethyl)phenethyltrimethoxysilane, mixture of m and p isomers |
|  | L05334 | Benzyltrimethylsilane, 96% |
|  | H27395 | Bis(2-methoxyphenyl)-1,1,2,2-tetramethyldisilane, 95% |
|  | H28047 | Bis(4-methoxyphenyl)-1,1,2,2-tetramethyldisilane, 97% |
|  | B21119 | Bis(dimethylamino)dimethylsilane, 97% |
|  | H60586 | Bis(trimethylsiloxy)methylsilane, 97% |













| | | |
|---|--------|---|
|  | A11960 | Bis(trimethylsilyl)acetylene, 99% |
|  | A11670 | Bis(trimethylsilyl)carbodiimide, 97% |
|  | A15662 | Bis(trimethylsilyl)methane, 98% |
|  | 39556 | Bis(trimethylsilyl)sulfide, 98% |
|  | 44818 | Bis(trimethylsilyl)sulfide, tech. |
|  | A15334 | Bromotrimethylsilane, 97%, stab. with copper powder or silver wire |
|  | L16666 | Chlorodimethyl-3,3,3-trifluoropropylsilane, 96% |
|  | 42414 | Chlorodimethyl-n-octadecylsilane, 95% |
|  | B23578 | Chlorodimethyl-n-octadecylsilane, tech. 90%, cont. 5-10% branched isomers |
|  | L16564 | Chlorodimethyl-n-octylsilane, 97% |
|  | L16621 | Chlorodimethyl-n-propylsilane, 97% |
|  | L00550 | Chlorodimethyl(pentafluorophenyl)silane, 96% |
|  | A15638 | Chlorodimethylphenylsilane, 97+% |
|  | A13113 | Chlorodimethylsilane, 97% |
|  | L16198 | Chlorodimethylvinylsilane, 97% |
|  | L03602 | Chlorodiphenylsilane, tech. 90% |
|  | A14899 | (Chloromethyl)dimethylchlorosilane, 98% |
|  | L04162 | Chloro(methyl)diphenylsilane, 97% |



















| | | |
|---|--------|---|
|  | L16433 | (Chloromethyl)trichlorosilane, 97% |
|  | A14303 | (Chloromethyl)trimethylsilane, 98% |
|  | A15547 | Chlorotriethylsilane, 98+% |
|  | A17376 | Chlorotriisopropylsilane, 97+% |
|  | A13651 | Chlorotrimethylsilane, 98% |
|  | L03477 | Chlorotri-n-butylsilane, 97% |
|  | B22068 | Chlorotri-n-propylsilane, 97% |
|  | A13678 | Chlorotriphenylsilane, 96% |
|  | L16440 | Cyclohexyl(dimethoxy)methylsilane, 99% |
|  | L16441 | Cyclopentyltrichlorosilane, 97% |
|  | L16442 | Cyclopentyltrimethoxysilane, 95% |
|  | H53487 | Cyclopropyl(trimethylsilyl)acetylene, 97% |
|  | L03239 | Dichlorodiethylsilane, 94% |
|  | L12133 | Dichlorodimethylsilane, 98+% |
|  | L05529 | Dichlorodi-n-propylsilane, 95% |
|  | L16493 | Dichloroethylmethylsilane, 94% |
|  | L16533 | Dichloroisobutylmethylsilane, 97% |
|  | B22225 | (Dichloromethyl)dimethylchlorosilane, 94% |



















| | | |
|---|--------|-----------------------------------|
|  | L16565 | Dichloromethyl-n-octylsilane, 98% |
|  | B23999 | Dichloromethylphenylsilane, 98% |
|  | 14079 | Dichloromethylsilane, 97+% |
|  | B23119 | Dichloromethylvinylsilane, 97% |
|  | L04371 | Dichlorophenylsilane, 96% |
|  | L14725 | Diethoxydimethylsilane, 97% |
|  | B22204 | Diethoxydiphenylsilane, 98% |
|  | B23684 | Diethoxymethylphenylsilane, 97+% |
|  | A10153 | Diethoxymethylsilane, 96% |
|  | L14224 | Diethoxymethylvinylsilane, 97% |
|  | B23214 | Diethylmethylvinylsilane, 98+% |
|  | L16468 | Diethylsilane, 96+% |
|  | A12025 | Dimethoxydimethylsilane, 97% |
|  | L04031 | Dimethoxydiphenylsilane, 97% |















| | | |
|---|--------|---|
|  | L17292 | Dimethoxymethyl(3,3,3-trifluoropropyl)silane, 97% |
|  | L16197 | Dimethoxymethylsilane, 97% |
|  | L14035 | Dimethoxymethylvinylsilane, 97% |
|  | H29281 | Dimethyldi(2-thienyl)silane, 96% |
|  | L17284 | Dimethyl(dimethylamino)vinylsilane, 97% |
|  | L16476 | Dimethylethoxysilane, 94% |
|  | L16699 | Dimethylethoxyvinylsilane, 97% |
|  | L17642 | Dimethylmethoxy(3,3,3-trifluoropropyl)silane, 98% |
|  | L04558 | Dimethylphenylsilane, 97% |
|  | L03503 | Dimethylsilyldiethylamine, 95% |
|  | 42599 | Di-n-octyldichlorosilane, 97% |
|  | A12051 | Diphenyldichlorosilane, 97% |
|  | A10884 | Diphenylsilane, 97% |
|  | 41210 | Di-sec-butoxyaluminumoxytriethoxysilane |
|  | L16656 | Ethoxytriethylsilane, 97% |
|  | L10151 | Ethoxytrimethylsilane, 97% |
|  | H53517 | Ethyl 3-(trimethylsilyl)propionate, 98% |
|  | L16495 | Ethyltriethoxysilane, 96% |


















| | | |
|---|--------|--|
|  | B22752 | Ethyltrimethoxysilane, 97% |
|  | A17707 | Ethyl (trimethylsilyl)acetate, 98% |
|  | L16652 | Fluorotriethoxysilane, 90% |
|  | A13155 | Hexamethyldisilane, 98+% |
|  | A15139 | Hexamethyldisilazane, 98+% |
|  | 42039 | Hexamethyldisilazane, Electronic grade, 99+% |
|  | L16519 | Hexamethyldisilazane, Electronic grade, 99+% |
|  | A11848 | Hexamethyldisiloxane, 98+% |
|  | L04928 | Hexaphenyldisilane, 98% |
|  | A15120 | (Iodomethyl)trimethylsilane, 99% |
|  | A12902 | Iodotrimethylsilane, 97%, stab. with copper |
|  | H59461 | Isobutyltriethoxysilane, 95% |
|  | B21048 | Isobutyltrimethoxysilane, 97% |
|  | H27165 | Methoxydimethylphenylsilane, 97% |
|  | H27943 | Methoxydimethyl(p-tolyl)silane, 94% |
|  | 42464 | Methoxytrimethylsilane, 97+% |
|  | L04211 | Methyldiphenylsilane, 97% |
|  | L17352 | Methyl N-trimethylsilylcarbamate, 96% |



















| | | |
|---|--------|---|
|  | B23107 | Methyltrichlorosilane, 97% |
|  | L04059 | Methyltriethoxysilane, 98% |
|  | B23594 | Methyltrimethoxysilane, 97% |
|  | B25245 | Methyl (trimethylsilyl)propiolate, 98% |
|  | L10995 | Methyltriphenylsilane, 97% |
|  | H66414 | N-[3-(Trimethoxysilyl)propyl]-N,N,N-trimethylammonium chloride, 50% in methanol |
|  | H52309 | N-Benzoyl-5'-O-tert-butyldimethylsilyl-2'-deoxyadenosine, 98+% |
|  | H52296 | N-Benzoyl-5'-O-tert-butyldimethylsilyl-2'-deoxycytidine, 98+% |
|  | B23551 | n-Butyldimethylchlorosilane, 96% |
|  | A11256 | n-Butyltrichlorosilane, 97+% |
|  | 42769 | n-Decyldimethylchlorosilane, 97% |
|  | L05912 | n-Decyltrichlorosilane, 97% |
|  | L16965 | n-Decyltriethoxysilane, 98% |
|  | L16966 | n-Decyltrimethoxysilane, 97% |















| | | |
|---|--------|---|
|  | L17293 | n-Dodecyltriethoxysilane, 95% |
|  | L16486 | n-Dodecyltrimethoxysilane, 95% |
|  | L16521 | n-Hexyltriethoxysilane, 97% |
|  | L03576 | n-Hexyltrimethoxysilane, 97% |
|  | H52726 | N-Isobutyryl-5'-O-tert-butyldimethylsilyl-2'-deoxyguanosine, 97% |
|  | L19412 | N-Methoxymethyl-N-(trimethylsilylmethyl)benzylamine, 94% |
|  | L04101 | N-Methyl-N-trimethylsilylacetamide, 98% |
|  | A13141 | N-Methyl-N-(trimethylsilyl)trifluoroacetamide, 97% |
|  | L01301 | N,N'-Bis(trimethylsilyl)urea, 98+% |
|  | L00183 | N,O-Bis(trimethylsilyl)acetamide, 95% |
|  | 42429 | N,O-Bis(trimethylsilyl)trifluoroacetamide, 99+%, packaged under Argon in resealable ChemSeal [®] bottles |
|  | 43939 | N,O-Bis(trimethylsilyl)trifluoroacetamide, with 1% TMCS |
|  | 43928 | N,O-Bis(trimethylsilyl)trifluoroacetamide, with 1% TMCS, packaged under Argon in resealable ChemSeal [®] bottles |
|  | A15732 | n-Octadecyltrichlorosilane, 95%, cont. 5-10% branched isomers |
|  | B23753 | n-Octyltrichlorosilane, 97% |
|  | L04407 | n-Octyltriethoxysilane, 95% |
|  | 42698 | n-Octyltrimethoxysilane, 97+% |
|  | B20997 | n-Propyltriethoxysilane, 97% |

| | | |
|---|--------|---|
|  | B21033 | n-Propyltrimethoxysilane, 98+% |
|  | B23760 | N-(tert-Butyldimethylsilyl)-N-methyltrifluoroacetamide, 97% |
|  | L05495 | n-Tetradecyltrichlorosilane, 97% |
|  | A18149 | N-(Trimethylsilyl)diethylamine, 97% |
|  | A16550 | N-(Trimethylsilyl)dimethylamine, 95% |
|  | H64450 | N-[(Trimethylsilyl)methyl]benzylamine, 95% |
|  | L06366 | Octadecyltriethoxysilane, 98%, n-isomer 85% min |
|  | L16563 | Octamethylcyclotetrasilazane, 97% |
|  | L16407 | O,O'-Bis(trimethylsilyl)-5-fluorouracil, 97% |
|  | B21001 | O-(tert-Butyldimethylsilyl)hydroxylamine, 90+% |
|  | H25775 | (Pentafluoroethyl)trimethylsilane, 97% |
|  | A17901 | Phenylsilane, 97% |
|  | A16713 | Phenyltrichlorosilane, 97% |
|  | L04684 | Phenyltriethoxysilane, 98% |
|  | A13827 | Phenyltrimethoxysilane, 97% |
|  | L02876 | Phenyltrimethylsilane, 98% |
|  | L12936 | (Propargyloxy)trimethylsilane, 97% |
|  | B21728 | p-Tolyltrichlorosilane, 97% |

| | | |
|---|--------|--|
|  | L19414 | (S)-(-)-N-Methoxymethyl-N-(trimethylsilyl)methyl-1-phenylethylamine, tech. 85% |
|  | B21286 | tert-Butyldimethylchlorosilane, 50% w/w in toluene |
|  | A13064 | tert-Butyldimethylchlorosilane, 97% |
|  | H53494 | tert-Butyldimethylsilylacetylene, 98% |
|  | A12174 | tert-Butyldimethylsilyl trifluoromethanesulfonate, 98% |
|  | A12721 | tert-Butyldiphenylchlorosilane, 97% |
|  | L02979 | Tetraallyloxysilane, 97% |
|  | 43183 | Tetraallylsilane, 97% |
|  | A14965 | Tetraethoxysilane, 98% |
|  | 14082 | Tetraethoxysilane, 99+% |
|  | 40251 | Tetraethoxysilane, 99.9% |
|  | 22967 | Tetraethoxysilane, 99.999+% (metals basis) |
|  | L03328 | Tetraethylsilane, 97% |
|  | H27092 | Tetrakis(dimethylamino)silane, 99% |

| | | |
|---|--------|---|
|  | B23754 | Tetrakis(dimethylsiloxy)silane, 97% |
|  | L06083 | Tetrakis(trimethylsiloxy)silane, 98+% |
|  | B21020 | Tetrakis(trimethylsilyl)silane, 98% |
|  | L09716 | Tetramethoxysilane, 98% |
|  | A14304 | Tetramethyldisilazane, 97% |
|  | A13148 | Tetramethylsilane, 99.9% |
|  | L03141 | Tetra-n-butoxysilane, 97% |
|  | L16644 | Tetra-n-propoxysilane, 97% |
|  | H51689 | trans-3-Trimethylsiloxy-1-propenylboronic acid pinacol ester, 96% |
|  | B23187 | Triacetoxo(ethyl)silane, 96% |
|  | B23974 | Triacetoxo(methyl)silane, tech. 90% |
|  | 14078 | Trichlorosilane, 98% |
|  | B22063 | Triethoxysilane, 96% |
|  | A10320 | Triethylsilane, 98+% |
|  | L20217 | (Triethylsilyl)acetylene, 97% |
|  | L14477 | Triethylsilyl trifluoromethanesulfonate, 98% |
|  | H31520 | (Trifluoromethyl)trimethylsilane, 0.5M soln. in THF |
|  | B20347 | (Trifluoromethyl)trimethylsilane, 95% |

| | | |
|---|--------|--|
|  | L09585 | Triisopropylsilane, 98% |
|  | H53405 | Triisopropylsilylacetylene, 97% |
|  | B21127 | Triisopropylsilyl trifluoromethanesulfonate, 97% |
|  | A17884 | Trimethyl-p-tolylsilane, 95% |
|  | H26857 | Trimethylsilyl 2,2-difluoro-2-(fluorosulfonyl)acetate, 94% |
|  | B22037 | Trimethylsilyl acetate, 97% |
|  | A12856 | (Trimethylsilyl)acetylene, 98% |
|  | L00961 | Trimethylsilyl bromoacetate, 98+% |
|  | A19598 | Trimethylsilyl cyanide, 97% |
|  | H27192 | Trimethylsilylcyclopentadiene, mixture of isomers, tech. 90% |
|  | H26744 | (Trimethylsilyl)diazomethane, 2M in hexanes |
|  | A12633 | Trimethylsilyl isocyanate, 94% |
|  | L03277 | Trimethylsilyl isothiocyanate, 94% |
|  | L00788 | (Trimethylsilylmethyl)triphenylphosphonium iodide, 98% |
|  | A12535 | Trimethylsilyl trifluoromethanesulfonate, 99% |
|  | A11605 | Triphenylsilane, 97% |
|  | A12713 | Triphenylvinylsilane, 98% |
|  | H60717 | Tris(2-methoxyethoxy)vinylsilane, 98% |

| | | |
|---|--------|--|
|  | L16686 | Tris(trimethylsiloxy)silane, 97% |
|  | L06277 | Tris(trimethylsilyl) borate, 98% |
|  | 30218 | Tris(trimethylsilyl)phosphine |
|  | 17159 | Tris(trimethylsilyl) phosphite, 95% |
|  | B22457 | Tris(trimethylsilyl)silane, 97% |
|  | L06072 | Trivinylmethylsilane, tech. 90% |
|  | L04056 | Vinyl(chloromethyl)dimethylsilane, 97% |
|  | H26876 | Vinyloxytrimethylsilane, 97% |
|  | L04387 | Vinyltrichlorosilane, 97% |
|  | B21037 | Vinyltriethoxysilane, 97% |
|  | L12461 | Vinyltriethylsilane, 97% |
|  | B21176 | Vinyltrimethoxysilane, 98% |
|  | L02498 | Vinyltrimethylsilane, 97% |
|  | L16989 | Vinyltrimethylsilane, 98+% |

Silanols



Silanols refer to the class of compounds bearing the functional group Si-OH akin to the hydroxyl functional group (C₆H₅OH) of alcohols. Unlike alcohols, they are more acidic. Owing to their acidity, silanols, particularly arylsilanols, can be completely deprotonated in aqueous solutions. The anion so formed can function as a ligand used as support for catalysts. Silanol-terminated silicon finds extensive application in the area of surface modification. Trimethylsilanol, when applied on silicate surfaces, reacts with silanol groups on the surface forming a hydrophobic layer of methyl groups. This technique has extensive application, with Magic Sand being a commercial example. Silanols have long been used in curing silicone polymers.













Silanol resins are resins coated with silanol groups (Si-OH). These reactive groups quickly condense together to form a hard coating upon evaporation of the solvent. Silanol-terminated silicone polymers are used in the manufacture of sealants and adhesives. Sol-gel processes involving for instance Si(OEt)₄, generally proceed through silanol intermediates. In biology, silanols have the property of opposing lipid peroxidation and consequent free radical formation. They are thus endowed with the property of a normalizer and regulator of cell division and metabolism.



Organometallics

[View our products >](#)



| | | |
|---|--------|--|
|  | L16520 | 1,1,3,3,5,5-Hexamethyltrisiloxane, 95% |
|  | H29130 | 1,3-Di(p-tolyl)-1,1,3,3-tetramethyldisiloxane, 94% |
|  | H30686 | 2-Furyldimethylsilanol sodium salt |
|  | H28506 | (3,4-Dihydro-2H-pyran-6-yl)dimethylsilanol, 97% |
|  | L16956 | 3H,5H-Octamethyltetrasiloxane, 96% |
|  | H28457 | Dimethylphenylsilanol sodium salt, 97% |
|  | A10492 | Diphenylsilanediol, 98% |
|  | L16970 | Hexamethyldisiloxane, NMR grade, 99.7% |
|  | L16577 | Pentamethyldisiloxane, 95% |
|  | L03738 | Triethylsilanol, 97% |
|  | H61276 | Trimethylsilanol, 95% |
|  | A19284 | Triphenylsilanol, 98% |

Siloxanes



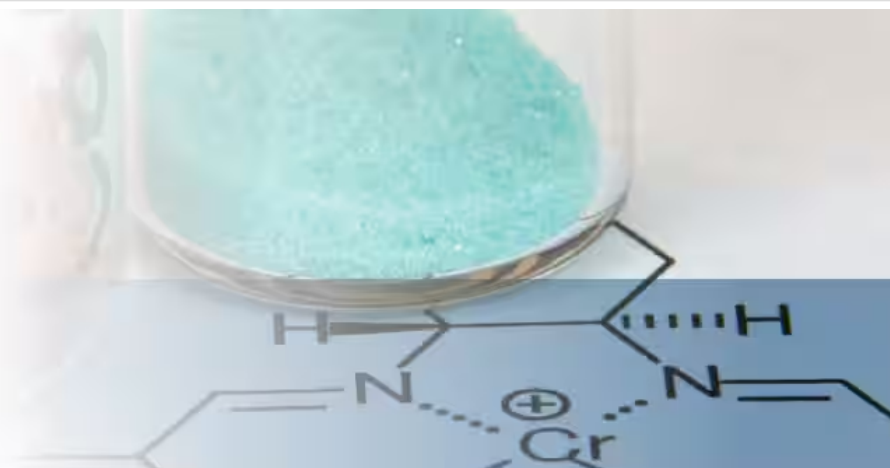
Siloxanes are a class of compounds containing alternate silicon and oxygen atoms arranged either linearly or in a cyclic manner, with Si-O-Si linkage. The word siloxane is derived from the words silicon, oxygen and alkane. The parent siloxanes include oligomeric and polymeric hydrides, while their alkyl analogues are known extensively. Siloxanes have gained considerable recognition among researchers, largely due to their ease of synthesis coupled with their valuable properties. For instance, polysiloxanes that are prepared from siloxanes are chemically inert as they are stable towards water and oxidation, at both high and low temperatures. This stability is achieved through a strong Si-O bond, which makes them an attractive material for applications that are wide-ranging, from lubricating greases to biomedical implants.














Siloxanes are used as silane coupling agents. Silanes are commonly applied on to the surface of inorganic substrates to improve water repellency. Aryl-aryl coupling reactions involving siloxane partners have been effectively carried out under a variety of conditions including using the microwave method, aqueous coupling method, and with ionic liquids. Siloxanes are also widely used in chemistry as silylating agents, crosslinking agents, and in the preparation of organosilanes.



Organometallics

[View our products >](#)



| | | |
|---|--------|--|
|  | B23697 | 1,1,3,3-Tetramethyldisiloxane, 97% |
|  | L16680 | 1,3,5-Trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane, 97% |
|  | H28477 | 1,3-Bis(4-methoxyphenyl)-1,1,3,3-tetramethyldisiloxane, 97% |
|  | L17295 | 1,3-Bis(aminopropyl)tetramethyldisiloxane, 94% |
|  | L04436 | 1,3-Bis(chloromethyl)tetramethyldisiloxane, 97% |
|  | L05858 | 1,3-Bis(dichloromethyl)-1,1,3,3-tetramethyldisiloxane, 94% |
|  | L11171 | 1,3-Dichloro-1,1,3,3-tetraisopropyldisiloxane, 97% |
|  | L05964 | 1,3-Dichlorotetramethyldisiloxane, 96% |
|  | L16645 | 2,4,6,8-Tetramethyl-2,4,6,8-tetravinylcyclotetrasiloxane, 97% |
|  | L16642 | 2,4,6,8-Tetramethylcyclotetrasiloxane, 99% |
|  | L16675 | 2-(Trimethylsiloxy)ethyl methacrylate, 94%, stab. with 4-methoxyphenol |
|  | 42412 | Decamethylcyclopentasiloxane, 97% |
|  | L04367 | Hexaethyldisiloxane, 99% |



L06130 Octaphenylcyclotetrasiloxane, 98+%

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://aesar.nt-rt.ru/> || arj@nt-rt.ru