

Starfire® Fine Chemicals

Specialty Organo-silane Chemistry



POLYMER-TO-CERAMIC™ TECHNOLOGY

Put more than 10 years of specialization in organo-silane chemistry to your use. Through our extensive research on carbosilanes, carbosiloxanes, and related compounds we have developed a broad range of silane compounds as CVD precursors to form thin films of silicon carbide and high purity intermediates for the synthesis of pharmaceuticals, Organic Light Emitting Diodes (OLED's), catalysts, cross linking or coupling agents for silicones and other fine chemical synthesis.

In particular, Starfire® has created a highly efficient synthesis route for the manufacture of heterocyclic silanes encompassing silacyclobutanes, pentanes and hexanes. Following is a partial listing; additional compounds and more advanced intermediates based on this chemistry can be produced on a custom basis.



| | | | |
|---|--------------|---|--------------|
| Allyldimethylsilane | [3937-30-2] | Diallyldimethylsilane | [1113-12-8] |
| Allyltrimethylsilane | [762-72-1] | Diallyldiphenylsilane | [10519-88-7] |
| Alloxytrimethylsilane | [18146-00-4] | 1,3-Diallyltetramethyldisiloxane | [17955-81-6] |
| Benzoyldimethylsilane | [1613-70-5] | 1,1-Dichloro-1-silacyclobutane | [2351-33-9] |
| Benzyltrimethylsilane | [770-09-2] | 1,1-Dichloro-1-silacyclopentane | [2406-33-9] |
| Bis(chloromethyl)tetramethyl-1,3-disiloxane | [2362-10-9] | 1,1-Dichloro-1-silacyclohexane | [2406-34-0] |
| 1,4-Bis(dimethylsilyl)benzene | [2488-01-9] | 1,3-Diethoxy-1,3-dimethyl-1,3-disilacyclobutane | [1967-90-4] |
| 1,4-Bis(trimethylsilyl)benzene | [13183-70-5] | 1,3-Dimethyl-1,3-diphenyl-1,3-disilacyclobutane | [1628-03-1] |
| Bis(trimethylsilyl)methane | [2117-28-4] | 1,1-Dimethyl-1-silacyclobutane | [2295-12-7] |
| t-Butyldimethylchlorosilane | [18162-48-6] | 1,1-Dimethyl-1-silacyclopentane | [1072-54-4] |
| t-Butyldimethylsilane | [29681-57-0] | 1,1-Dimethyl-1-silacyclohexane | [4040-74-8] |
| t-Butylmethylchlorosilane | [18147-18-7] | 1,1-Dimethoxy-1-silacyclobutane | [33446-84-3] |
| Chloromethyl dimethylchlorosilane | [1719-57-9] | Dimethylisopropylsilane | [18209-61-5] |
| Chloromethyl dimethylethoxysilane | [13508-53-7] | Diethylmethylsilane | [760-32-7] |
| Chloromethyl dimethylmethoxysilane | [18143-33-4] | Diphenylsilane | [775-12-2] |
| Chloromethyl dimethylisopropoxysilane | [18171-11-4] | 1-Methyl-1-silacyclobutane | [765-33-3] |
| Chloromethyl dimethylsilane | [3144-74-9] | 1-Methyl-1-silacyclohexane | [765-62-8] |
| Chloromethyl dimethylphenylsilane | [1833-51-8] | 1-Methyl-1-silacyclopentane | [765-41-3] |
| 1-Chloro-1-methyl-1-silacyclobutane | [2351-34-0] | 1-Methyl-1-vinyl-1-silacyclobutane | [3514-67-8] |
| 1-Chloro-1-methyl-1-silacyclopentane | [2406-31-7] | 1-Methyl-1-vinyl-1-silacyclohexane | [19495-14-6] |
| 1-Chloro-1-methyl-1-silacyclohexane | [18148-37-3] | 1-Methyl-1-vinyl-1-silacyclopentane | [3944-18-1] |
| Chloromethylmethylchlorosilane | [1558-33-4] | Phenyldimethylsilane | [766-77-8] |
| Chloromethyl(methyl)dimethoxysilane | [2212-11-5] | Phenylsilane | [694-53-1] |
| Chloromethylmethyl-diethoxysilane | [2212-10-4] | Phenyltrimethylsilane | 768-32-1] |
| Chloromethylmethyl-diisopropoxysilane | [2212-08-0] | 1-Silacyclopentane | [288-06-2] |
| Chloromethyltrichlorosilane | [1558-25-4] | 1-Silacyclohexane | [6576-79-0] |
| Chloromethyltrimethoxysilane | [5926-26-1] | 1,1,3,3-tetrachloro-1,3-disilacyclobutane | [2146-97-6] |
| Chloromethyltriethoxysilane | [15267-95-5] | 1,1,3,3-tetraethoxy-1,3-disilacyclobutane | [63238-93-7] |
| Chloromethyltriisopropoxysilane | [18162-82-8] | 1,1,3,3-tetramethyl-1,3-disilacyclobutane | [1627-98-1] |
| Chloromethyltrimethylsilane | [2344-80-1] | 2-(Trimethylsilyl)ethanol | [2916-68-9] |
| Chlorodiisopropylsilane | [2227-29-4] | Vinyltrimethylsilane | [754-05-2] |
| Diallylmethylsilane | [2043-08-5] | | |
| (Dichloromethyl)methylchlorosilane | [1558-31-2] | | |

Warranty

No analysis of this product is permitted. The data provided relates only to the material identified above, as supplied by Starfire Systems®, Inc. (SSI). Because conditions and methods of use of our products are beyond our control, this information should not be used as a substitution for customer's tests to ensure that SSI's products are safe, effective, and fully satisfactory for the intended end use. SSI's sole warranty is that the product will meet sales specifications in effect at the time of shipment.