# 1-Phenyl-1-(trimethylsilyloxy)ethylene

**Other names:**   1-Phenyl-1-trimethylsiloxyethylene
Silane, trimethyl[(1-phenylethenyl)oxy]-
«alpha»-(Trimethylsiloxy)styrene
Silane, trimethyl[(1-phenylvinyl)oxy]-
Trimethyl[(1-phenylvinyl)oxy]silane
«alpha»-(Trimethylsilyloxy)styrene
1-(Trimethylsilyloxy)-1-phenylethene
1-Phenyl-1-trimethylsiloxyethene
Benzene, (1-((trimethylsilyl)oxy)ethenyl)-
Trimethyl(1-phenylethenyloxy)silane

**Inchi:**   InChI=1S/C11H16OSi/c1-10(12-13(2,3)4)11-8-6-5-7-9-11/h5-9H,1H2,2-4H3

**InchiKey:**   AFFPCIMDERUIST-UHFFFAOYSA-N

**Formula:**   C11H16OSi

**SMILES:**   C=C(O[Si](C)(C)C)c1ccccc1

**Mol. weight [g/mol]:**   192.33

**CAS:**   13735-81-4

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.18 | | Crippen Method |
| logp | 3.509 | | Crippen Method |

## Sources

**Crippen Method:**   http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:**   https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:**   http://webbook.nist.gov/cgi/cbook.cgi?ID=C13735814&Units=SI

## Legend

**log10ws:**       Log10 of Water solubility in mol/l

**logp:**          Octanol/Water partition coefficient

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