

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:	<chem>C=C(O[Si](C)(C)C)c1ccccc1</chem>
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/ci990307I
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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